



DRUG INSPECTOR

SOLVED PAPERS

ALL INDIA

ड्रग इंस्पेक्टर Exam के लिए

As per the **DRUG INSPECTOR EXAM** Syllabus

UPSC, TNPSC, OPSC, HPPSC, APPSC,
GPSC, KPSC, SSC, MPSC, DCO and all other
State Public Service Commission Examination

Get #GDC Classes App

1 100% Updated
As Per Drug Inspector Examination

2 Extensive Practice
with 7000+ Questions

3 100% Exam Readiness
Previous Year Paper + Model Paper



40 Previous Year Paper **10** Model Paper

- Fully Coloured Book
- Original Question Papers
- Authentic Answer Key Validated with Original Paper



ALL INDIA

Drug Inspector Exam के लिए



DRUG INSPECTOR

**SOLVED
PAPERS**

40

Previous Year Papers

10

Model Papers

Dr. Peeyush Jaiswal

Director,
GPAT Discussion Center Pvt. Ltd.,
Bilaspur

Dr. Abhishek Tripathi

HOD,
GPAT Discussion Center Pvt. Ltd.,
Bilaspur

Dr. Pradeep Kumar Samal

Associate Professor,
Department of Pharmacy,
Guru Ghasidas Central University, Bilaspur

Ms. Bharti Vaishnaw

Research Scholar
Department of Pharmacy,
Guru Ghasidas Central University, Bilaspur



GDC PUBLICATION

GPAT Discussion Center Pvt. Ltd.

(ISO 9001-2015 Certified Institute)



GDC Publication

3rd Floor, Shiv Hari Towar, Ashok Nagar,
Sarkanda, Bilaspur (C.G.),
Pin code : 495001

AIM Drug Inspector (Solved Paper)

As per the Drug Inspector Examination

ISBN : 978-81-973484-8-8

Copyright © 2025, By the GDC Publication.

All rights are reserved. No part of this publication may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photo-copying, recording or otherwise), without the prior written permission of the above mentioned publisher of this book.

GDC PUBLICATION has taken due care in collecting the data and providing the solutions, before publishing this book. In spite of this, if any inaccuracy or printing error occurs then GDC PUBLICATION owes no responsibility. GDC PUBLICATION will be grateful if you could point out any such error. Your suggestions will be appreciated.

Any government or Private organization logo, posters, brand product name and image used in this book is for educational purposes only.

Typesetting by :

Team GDC

Composition by :

Vidyadhar Sahu and Chandranayan Sahu

Published by :

GPAT Discussion Center Pvt. Ltd.
Bilaspur, 495001

Price : ₹ 750

Jurisdiction : All disputes with respect to this publication shall be subject to the jurisdiction of the Courts, Tribunals and Forums of Bilaspur Chhattisgarh, India only.

© All rights reserved by GDC PUBLICATION. No part of this book may be reproduced or utilized in any form without the written permission from the publisher.

for further Information about the products from GDC Publication

☎ +91-6263936320, +91-9770765680

🌐 www.gdconlinetest.in | www.gdc4gpat.com

✉ gdclive037@gmail.com

Table of Contents

PREVIOUS
YEAR PAPERS

S.No.	Contents	Page No.
1	Gujarat Drug Inspector – 2024	1-21
2	Uttarakhand Drug Inspector – 2024	22-32
3	UPSC (Union Public Service Commission) Drug Inspector – 2023	33-45
4	Odisha Drug Inspector – 2023	46-56
5	MPSC (Maharashtra Public Service Commission) Drug Inspector – 2023	57-62
6	Telangana Drug Inspector – 2023	63-91
7	Bihar Drug Inspector - 2023	92-116
8	Madhya Pradesh Drug Inspector – 2022	117-129
9	Assam Drug Inspector – 2022	130-135
10	Himachal Pradesh Drug Inspector – 2021	136-142
11	Gujarat Drug Inspector – 2021	143-154
12	Goa Drug Inspector – 2020	155-161
13	Haryana Drug Inspector – 2019	162-168
14	Tamil Nadu Drug Inspector – 2019	169-186
15	UPSC (Union Public Service Commission) Drug Inspector – 2019	187-197
16	Meghalaya Drug Inspector – 2019	198-206
17	Rajasthan Drug Inspector – 2018	207-212
18	Andhra Pradesh Drug Inspector – 2018	213-220
19	UPSC (Union Public Service Commission) Drug Inspector – 2018	221-228
20	Uttar Pradesh Drug Inspector – 2018	229-237
21	Tamil Nadu Drug Inspector – 2018	238-249
22	Madhya Pradesh Drug Inspector – 2017	250-260
23	Kerala Drug Inspector – 2017	261-265
24	Himachal Pradesh Drug Inspector – 2016	266-271
25	MPSC (Maharashtra Public Service Commission) Drug Inspector – 2016	272-281
26	Chhattisgarh Drug Inspector – 2015	282-291

TABLE OF CONTENTS

27	UPSC (Union Public Service Commission) Drug Inspector – 2015	292-301
28	MPSC (Maharashtra Public Service Commission) Drug Inspector – 2014	302-310
29	Jharkhand Drug Inspector – 2013	311-340
30	Andhra Pradesh Drug Inspector – 2012	341-355
31	Odisha Drug Inspector – 2012	356-361
32	Tamil Nadu Drug Inspector – 2012	362-373
33	Rajasthan Drug Inspector – 2012	374-378
34	UPSC (Union Public Service Commission) Drug Inspector – 2011	379-387
35	Himachal Pradesh Drug Inspector – 2011	388-393
36	Gujarat Drug Inspector – 2011	394-399
37	Gujarat Drug Inspector – 2010	400-404
38	Chhattisgarh Drug Inspector – 2009	405-410
39	Tamil Nadu Drug Inspector – 2009	411-422
40	MPSC (Maharashtra Public Service Commission) Drug Inspector – 2008	423-432

MODEL PAPERS

1	Model Paper - 1	433-439
2	Model Paper - 2	440-446
3	Model Paper - 3	447-453
4	Model Paper - 4	454-461
5	Model Paper - 5	462-469
6	Model Paper - 6	470-476
7	Model Paper - 7	477-484
8	Model Paper - 8	485-493
9	Model Paper - 9	494-500
10	Model Paper - 10	501-508



DRUG INSPECTOR

SECTION-I

PREVIOUS YEAR PAPERS **With Answer Key**

- ☑ 40 Previous Year Papers
- ☑ According to Drug Inspector Previous Year Examination

40
PAPERS





FREE BATCH

for Drug Inspector Exam Preparation

Use Batch Code **gdcdi**

to join

Free BATCH & ONLINE TEST

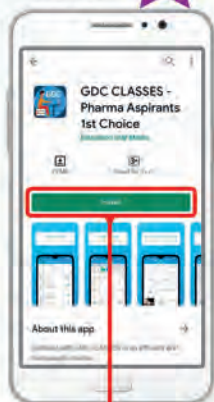
Scan QR Code to download the APP



Download "GDC CLASSES" App
and Join Batch to Get FREE Online Test Series

HOW TO JOIN STEP BY STEP

STEP 1



CLICK HERE

Visit to
Playstore
to download
this APP

STEP 2



CLICK HERE

After the download of
app open your **GDC
CLASSES** app then
click on the BATCHES &
+sign given in the picture

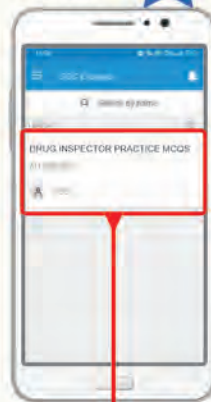
STEP 3



TYPE HERE

Type the given
letters
(BATCH CODE)
as given above to
join the batch

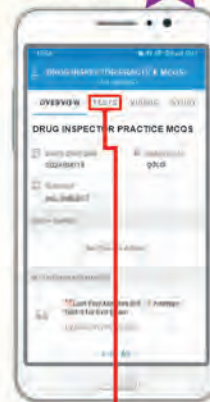
STEP 4



CLICK HERE

Click here to find your
**(DRUG INSPECTOR
TEST SERIES)**
as per the schedule

STEP 5



CLICK HERE

Click on the
(Test Section)
to get your test

Free
VIDEO CLASSES
on YouTube Channel



Subscribe The Channel and Click The Bell Icon For More Updated



Boost up your
Preparations!
with GDC



SCAN
ME!

GUJARAT DRUG INSPECTOR-2024

SCAN ME

To Join FREE
Online Test

1. **What is the name of the umbrella programme launched by the Ministry of Electronics and information Technology (MeitY) to promote artificial intelligence in India**
 - (a) INDIAai
 - (b) AI-INDIA
 - (c) Digital India
 - (d) Art-Int-Ind
2. **Conjunctivitis disease is also known as**
 - (a) Glaucoma
 - (b) Myopia
 - (c) Pink Eye
 - (d) Presbyopia
3. **India aims to achieve the target of 'net zero emissions' by the year**
 - (a) 2047
 - (b) 2050
 - (c) 2060
 - (d) 2070
4. **The phrase "Digital Culture' refers to**
 - (a) The way computers, laptops and mobiles are used
 - (b) The behaviours, practices and values that develop from the use of digital technologies
 - (c) The way students learn from smart technologies
 - (d) The way people interact with audio-visual technology
5. **Which state has the longest mainland coastline in India**
 - (a) Andhra Pradesh
 - (b) Maharashtra
 - (c) Tamil Nadu
 - (d) Gujarat
6. **The permanent campus of the National Academy of Coastal Policing (NACP) is located in**
 - (a) Dwarka, Gujarat
 - (b) Bhuj, Gujarat
 - (c) Kutch, Gujarat
 - (d) Salaya, Gujarat
7. **The Indian Wild Ass Sanctuary in Gujarat is situated in**
 - (a) Little Rann of Kutch
 - (b) Vansda National Park in Navsari
 - (c) Jambughoda Wildlife Sanctuary in Vadodara
 - (d) Velavadar National Park in Bhavnagar
8. **Surkotada in Kutch is known for**
 - (a) Remnants of Indus Valley Civilization
 - (b) Wildlife Sanctuary for barking deer
 - (c) Perlite production
 - (d) Shale Gas reserve
9. **Paintings of which famous artist was commissioned by the Maharaja of Baroda for Laxmi Viles Palace**
 - (a) Natvar Bhavsar
 - (b) Abdul Gafur Khatri
 - (c) Raja Ravi Varma
 - (d) Ravishankar Raval
10. **Navlakhi Stepwell is located in**
 - (a) Laxmi Vilas Palace in Baroda
 - (b) Vijay Vilas Palace in Bhavnagar
 - (c) Prag Mahal in Kutch
 - (d) Nilambagh Palace in Bhavnagar
11. **The famous Harappan Seal that contains animal motifs and signs was made of a stone called**
 - (a) Steatite
 - (b) Limestone
 - (c) Travertine
 - (d) Igneous
12. **The Harappans used to procure materials like Carnelian stone for craft production from which part of Gujarat**
 - (a) Dholavira
 - (b) Bharuch
 - (c) Lothal
 - (d) Surkotada
13. **Which among the following grains was found relatively rarely at Harappan sites**
 - (a) Wheat and barley
 - (b) Sesame
 - (c) Millets
 - (d) Rice
14. **In 1918, Gandhiji was involved in two campaigns in Gujarat. One was in a labour dispute in Ahmedabad, demanding better working conditions for the textile mill workers. What was his second campaign**
 - (a) He joined peasants in Kheda in asking the state for the remission of taxes following the failure of their harvest
 - (b) In Champaran, demanding peasants' security of tenure as well as the freedom to cultivate the crops of their choice



199. Which of the following is/are secreted by parietal cells

- (I) Intrinsic factor
- (II) Hydrochloric acid
- (III) Pepsinogen
- (IV) Gastric lipase

- (a) (I) and (II) (b) (II) and (IV)
- (c) (II) and (III) (d) (II) only

200. Which of the following statement(s) is/are NOT TRUE regarding Coagulative Necrosis

- (I) It is also known as Colliquative necrosis
- (II) Its hallmark is the conversion of normal cells into their 'tombstones'
- (III) It commonly affects heart, spleen and kidney
- (IV) Cell digestion and liquefaction is observed

- (a) (I), (II) and (III) (b) (I) and (IV)
- (c) (IV) only (d) (II), (III) and (IV)

201. *Treponema pallidum* is the causative organism of

- (a) Hansen's disease (b) Syphilis
- (c) Cat scratch disease (d) Gonorrhea

202. Which of the following statement(s) is/are TRUE regarding Pernicious anaemia

- (I) Gastric Hypertrophy is observed
- (II) There is absence or deficiency of intrinsic Factor
- (III) The disease has autoimmune phenomena
- (IV) There is increased absorption of vitamin B₁₂

- (a) (I), (II) and (III) (b) (II) and (III)
- (c) (I), (III) and (IV) (d) (II) only

203. Match the enzymes in column I with their substrates and products in column II

ENZYME

P. Cyclooxygenase

Q. Lipoxygenase

R. Renin

S. Aldose reductase

SUBSTRATE, PRODUCT

I. Arachidonic acid, Leukotrienes

II. Glucose, Sorbitol

III. Arachidonic acid, Prostaglandins

IV. Angiotensinogen, Angiotensin I

- (a) P-III, Q-II, R-I, S-IV (b) P-I, Q-III, R-IV, S-II
- (c) P-III, Q-I, R-IV, S-II (d) P-II, Q-IV, R-I, S-III

204. Which of the following statement(s) is/are

TRUE regarding Extrinsic Asthma

- (I) It is also known as allergic, atopic asthma
- (II) Serum IgE levels are low
- (III) Skin test is negative
- (IV) It usually develops later in adult life

- (a) (I) only (b) (I) and (II)
- (c) (II), (III) and (IV) (d) (II) and (III)

205. Which of the following disease is also known as Basedow's disease

- (a) Cretinism
- (b) Graves' disease
- (c) Myxedema
- (d) Hashimoto's thyroiditis

206. Which of the following is NOT observed in Renal Failure stage of Chronic Renal Failure

- (a) GFR is 5% of normal
- (b) Tubular cells are non-functional
- (c) Edema
- (d) Metabolic acidosis

207. Type I Diabetes Mellitus is characterized by

- (a) Impaired insulin secretion
- (b) Autoimmune destruction of β -cells
- (c) Insulin resistance
- (d) Amyloidosis

208. Following are the characteristics of Duodenal ulcer, EXCEPT

- (a) Hypersecretion of acid-pepsin
- (b) Night pain is common
- (c) H. pylori infection
- (d) Food-pain pattern

209. Which of the following is NOT Phase I biotransformation reaction

- (a) Oxidation (b) Reduction
- (c) Hydrolysis (d) Acetylation

210. Match the column

DRUG

P. Tetracyclines

Q. Chloramphenicol

R. Streptomycin

S. Minoxidil

ADVERSE EFFECT

I. Ototoxic

II. Hirsutism

III. Phototoxic

IV. Gray Baby Syndrome

- (a) P-II, Q-IV, R-I, S-III (b) P-II, Q-III, R-I, S-IV
- (c) P-III, Q-IV, R-I, S-II (d) P-IV, Q-I, R-II, S-III



291. वह विकल्प चुनें जिसकी सभी वर्तनी सही हो।

1. कासिदो, कौशल्या, ग्रंथावली, टेटेन, विची
2. कासिडो, कौशल्या, ग्रंथावली, टेटेन, विची
3. काशिदो, कौशल्या, ग्रंथावली, टेटे, विची
4. काशीदो, कौशल्या, ग्रंथावली, टेटेन, विची

- (a) केवल 1 सही है। (b) केवल 2 सही है।
(c) केवल 2 और 4 सही हैं (d) केवल 2 और 3 सही हैं।

292. नीचे दिए गए समूहों पर विचार करके पर्यायवाची शब्द के बारे में सही विकल्प चुनें।

1. विरव, ध्वनि, स्वर, घोश
2. एकान्त, अलग-थलग, अकेला, अकेला
3. विदथ, विदथ, कौशल, ज्ञान
4. विभा, किरण, रश्मी, मरीचि

- (a) केवल 1 और 2 सही हैं।
(b) केवल 3 और 4 सही हैं।
(c) केवल 1, 3 और 4 सही हैं।
(d) 1, 2, 3 और 4 पात्र हैं।

293. नीचे दिए गए शब्द समूह को ध्यान में रखते हुए सही विकल्प का चयन करें।

1. विस्तृत एक्स संपीडित
2. द्वन्त उजाश
3. नितांत एक्स ध्वनित
4. नीचता उच्चता

- (a) केवल 1 सही है।
(b) केवल 1 और 2 सही हैं।
(c) केवल 1, 3 और 4 सही हैं।
(d) केवल 1 और 4 सही हैं।

294. निम्नलिखित मुहावरे एवं उसके अर्थ के लिए सही विकल्प चुनिए।

- | मुहावरा | अर्थ |
|-------------------|-----------------------|
| 1. अखाडा | = बात पर ध्यान न देना |
| 2. आँख मूँद लेना | = बात पर विचार न करना |
| 3. अनसुना कर देना | = ध्यान न देना |
| 4. ध्यान न देना | = ध्यान न देना |

- (a) केवल 1, 2 और 4 सही हैं।
(b) केवल 2 और 3 सही हैं।
(c) केवल 2, 3 और 4 सही हैं।
(d) 1, 2, 3 और 4 सभी सही हैं।

295. निम्नलिखित कहावतों पर विचार करें और उनके बारे में सही विकल्प चुनें।

1. मन हो तो मालवा चले जाओ
2. मकान और गाड़ियाँ झुक जाती हैं
3. साथी बुद्धि नाथी
4. बैकों में ज्यादा भीड़ न लगाएं

- (a) 3 और 4 पर्यायवाची हैं, 1 और 4 विलोम हैं।
(b) 1 और 2 पर्यायवाची हैं, 2 और 4 विलोम हैं।
(c) 1 और 4 पर्यायवाची हैं, 2 और 3 विलोम हैं।
(d) 1 और 3 पर्यायवाची हैं, 1 और 2 विलोम हैं।

296. निम्नलिखित पद और उसके प्रकार के बारे में सही विकल्प चुनें।

- | सामासिक | शब्द-प्रकार |
|--------------|---------------------|
| 1. नीलोपाल | — कर्मधारय समास |
| 2. तालियजातक | — मध्यमपादलोपि समास |
| 3. वीसनहोरि | — बहुव्रीहि समास |
| 4. नवनिर्माण | — द्विगु समास |

- (a) केवल 1 और 3 सही हैं।
(b) केवल 2 और 3 सही हैं।
(c) केवल 1, 2, और 3 सही हैं।
(d) 1, 2, 3 और 4 सभी सही हैं।

297. नीचे दिए गए संधि के बारे में सही विकल्प चुनें।

1. जगत + जननी = जगज्जननी
2. जगत + माता = जगन्माता
3. तनु + अंगि = तन्वंगी
4. जगत + नाथ = जगन्नाथ

- (a) केवल 1 और 2 सही हैं।
(b) केवल 1 और 3 सही हैं।
(c) 1, 2, 3 और 4 सभी सही हैं।
(d) 1, 2, 3 और 4 सभी गलत हैं।

298. निम्नलिखित कविता पर विचार करें और इसके छंद प्रकार के लिए सही विकल्प चुनें।

1. "भूखों के पेट की आग जाग जायेगी, खंडहरों की राख नहीं जलेगी।"
2. "जब भी कोई राष्ट्र गौरवान्वित होता है, तो हज़ारों दौलत बहुत कम हो जाती है।"
3. "श्याम चरण स्मरण मित्र, उत्तम मार्ग सत्य, त्रिलोक मध्य इसके बिना, क्रोध वात चाची।"
4. "तू हंस का हार बने, तू जल की धारा बने।"

- (a) 1. इंद्रवाजा, 2. मोतीदाम, 3. महीदीप, 4. इंद्रवंष
(b) 1. इंद्रवंष, 2. मोतीदाम, 3. महीदीप, 4. इन्द्रवाजा
(c) 1. इंद्रवंष, 2. महीदीप, 3. मोतीदाम, 4. इन्द्रवाजा
(d) 1. इंद्रवाजा, 2. मोतीदाम, 3. महीदीप, 4. उपेन्द्रवाजा

299. निम्नलिखित कविता पर विचार करें और इसके अलंकार के प्रकार के लिए उपयुक्त विकल्प का चयन करें।

1. "काया कंचन सामी ने बचपन से ही अपने बेटे की देखभाल की।"
2. "जब जब फूल खिले मेरे जीवन के बगीचे में, दुखों का सूरज हमेशा जलता रहा।"

UTTARAKHAND DRUG INSPECTOR-2024

SCAN ME

To Join FREE
Online Test

1. **Consultative Committee for Narcotics and Psychotropic Substances are constituted with**
(a) A Chairman and not more than 20 members
(b) A Chairman and not more than 30 members
(c) A Chairman and not more than 40 members
(d) A Chairman and not more than 50 members
2. **Indian Pharmacopoeia Commission got legal status under _____ of Drugs and Cosmetic Act and Rules**
(a) First Schedule (b) Second Schedule
(c) Third Schedule (d) Fourth Schedule
3. **A price fixed by the Government for Scheduled formulations is known as**
(a) Ceiling price (b) Maximum retail price
(c) Price to retailer (d) Retail price
4. **The latest Pharmacy Education Regulations have been notified in the year**
(a) 1991 (b) 2010
(c) 2018 (d) 2020
5. **The ratio of dry glycerine to dry gelatin in case of soft capsule is**
(a) 04/1 (b) 0.6/1
(c) 0.8/1 (d) 1.2/1
6. **A reversible, time-dependent, isothermal, gel-sol transition flow is called**
(a) Thixotropic flow
(b) Bingham-type plastic flow
(c) Pseudoplastic flow
(d) Elastic flow
7. **What would be osmotic pressure of 50 g dextrose in 1000 ml of water at room temperature (25°C)**
(a) 6.79 atm. (b) 68.4 atm.
(c) 0.684 atm. (d) 0.0684 atm.
8. **The Histoplasmin USP is used as**
(a) Diagnostic aid
(b) Passive immunizing agent
(c) Active immunizing agent
(d) Blood-volume expansion
9. **Which of the following test of emulsion may fail in case of non-ionic o/w emulsions**
(a) Dye test (b) Dilution test
(c) Cobalt chloride test (d) Conductivity test
10. **The _____ may serve as adjuvant. that have lost their toxicity but retain their immunogenicity are called and**
(a) Endotoxin, Pyrogen (b) Exotoxin, Toxoids
(c) Exotoxin, Pyrogen (d) Endotoxin, Toxoids
11. **Given, the K of morphine is 7.4×10^{-7} . What is the hydroxyl ion concentration of 0.02 M solution**
(a) 0.1216×10^{-4} G-ion/L
(b) 1.216×10^{-4} G-ion/L
(c) 0.148×10^{-4} G-ion/L
(d) 1.48×10^{-4} G-ion/L
12. **Capacity of '000' size empty gelatin capsule is**
(a) 1.40 ml (b) 1.80 ml
(c) 0.95 ml (d) 0.68 ml
13. **Medicinal and Toilet preparation are stored in bulk jars or bottles, each containing**
(a) Not less than 2,200 ml
(b) Not less than 2,273 ml
(c) Not less than 2,500 ml
(d) Not less than 3,000 ml
14. **The material (1.0 g/ml, density) fill capacity of hard gelatin capsule of size no. 1 is**
(a) 300 mg (b) 400 mg
(c) 500 mg (d) 600 mg
15. **Which one in the example of long acting insulin**
(a) Insulin lispro
(b) Insulin glargine
(c) Isophane (NPI) insulin
(d) Regular insulin



71. The compound which should be stored in small, well filled and well closed container impervious to light, added with anti-oxidant is
(a) Paraldehyde (b) Glutethimide
(c) Nitrazepam (d) Cyclobarbitone
72. Side-effects of 'Oral contraceptives' do not include
(a) Weight gain (b) Hyper-tension
(c) Achlorhydria (d) Carcinoma
73. The following thyroid inhibitor interferes with peripheral conversion of thyroxine to tri-iodothyronine
(a) Propylthiouracil (b) Methimazole
(c) Carbimazole (d) Radioactive iodine
74. Which of the following is a selective COX-2 inhibitor Analgesic
(a) Aceclofenac (b) Allopurinol
(c) Celecoxib (d) Probenecid
75. Which of the following possess minimum glucocorticoid potency among all
(a) Prednisone (b) Betamethasone
(c) Hydrocortisone (d) Cortisone acetate
76. Famotidine contains following ring in its chemical structure
(a) Thiazole (b) Pyrrole
(c) Quinoline (d) Isoquinoline
77. Which one of the following drug does not act on GABA receptor
(a) Buspirone (b) Brotizolam
(c) Pentobarbitone (d) Chlormethiazole
78. In Sedative & Hypnotics classification, the drug comes under short duration of action(<3 Hrs) is
(a) Aprobarbital (b) Butabarbital
(c) Phenobarbital (d) Secobarbital
79. What is the equivalent dose of fentanyl when compared with 10 mg of morphine
(a) 200-250 mcg (b) 150-200 mcg
(c) 100-150 mcg (d) 250-300 mcg
80. The mechanism of action of propafenone is
(a) α -Blocker (b) Block- K^+ channel
(c) Block- Na^+ channel (d) Block- Ca^{2+} channel
81. The responsiveness of drug diminishes rapidly after administration is called as
(a) Tolerance (b) Tachyphylaxis
(c) Potentiation (d) Antagonism
82. Triplodine hydro-chloride is synthesized using
(a) Bromoacetophenone
(b) Acetophenone
(c) O-acetophenone
(d) 4'-Methyl acetophenone
83. Socotrine Aloe is obtained from
(a) *Aloe barbadensis* (b) *Aloe spicata*
(c) *Aloe perryi* (d) *Aloe africana*
84. The basic unit of terpenoids is
(a) C_8H_{24} (b) C_5H_8
(c) C_7H_{14} (d) C_6H_{12}
85. Indian senna have _____ stomal index
(a) 10-15 (b) 14-20
(c) 16-23 (d) 8-12
86. The steroidal component of Kurchi belong to _____ group
(a) C_{23} (b) C_{21}
(c) C_{22} (d) C_{24}
87. The biological name of a common plant "Mehandi" which is popularly used for hair colouring is
(a) *Eclipta alba* (b) *Opuntia dillenii*
(c) *Lawsonia inermis* (d) *Rubia cordifolia*
88. Which of the following natural drug is used as carminative, stomachic and mild astringent
(a) Nux Vomica (b) Kurchi
(c) Cinnamon (d) Belladonna
89. *Holarrhena antidysenterica* belongs to _____ family
(a) Ranunculaceae (b) Apocynaceae
(c) Solanaceae (d) Liliaceae
90. Uprooting method is applied for the effective collection of root barks of
(a) Cinnamon (b) Cinchona
(c) Cascara (d) Ashoka
91. _____ is used in Psychiatric treatment
(a) Ginseng (b) Picrotoxin
(c) Reserpine (d) Camphor
92. The antiprotozoal activity of Kurchi is due to the presence of
(a) Anaferine (b) Conessine
(c) Neopelline (d) Cuscohygrine
93. Therapeutic drug monitoring is required for following drug
(a) Digoxin (b) Paracetamol
(c) Levodopa (d) Aspirin



UPSC DRUG INSPECTOR-2023

SCAN ME

To Join FREE
Online Test

1. According to GCP guidelines, the minimum number of members required in quorum of Ethics Committee to review the protocol is
 - (a) 5
 - (b) 6
 - (c) 7
 - (d) 9
2. According to GCP guidelines, which one of the following statements does not hold true for Ethics Committee
 - (a) All members serving in Ethics Committee that oversees human research at an institution must be employed by that institution
 - (b) Ethics Committee should include at least one member whose primary area of interest is non-scientific
 - (c) Ethics Committee should have appropriate gender representation
 - (d) For review of each protocol the quorum of Ethics Committee shall be at least five members
3. Which one of the following is not considered as the essential element in the study subject's informed consent documents according to GCP guidelines
 - (a) Expected duration of the subject's participation
 - (b) An explanation about whom to contact for trial related queries, rights of subjects and in the event of an injury
 - (c) A statement that there is a possibility of failure of investigational product to provide intended therapeutic effects
 - (d) A statement that the particular treatment or procedure may invoke risks to the subject, which are currently unforeseeable
4. As per ICH E₆ GCP guidelines, all of the following should be complied EXCEPT
 - (a) Information recorded in the investigator's reports should be complete, accurate and legible
 - (b) Any missed study visits may not be noted in the reports
 - (c) Subjects who were dropped from or failed to complete the study are noted in the report with the reason adequately explained
 - (d) Informed consent should be adequately documented
5. As per ICH GCP guidelines, whose responsibility is it to ensure that investigators are qualified by education and experience and are trained on the conduct of the protocol
 - (a) FDA
 - (b) Study sponsor
 - (c) Investigator
 - (d) Ethics Committee
6. The document retention period as required by FDA following the date of marketing application approval or after the investigation is discontinued and the FDA notified, is
 - (a) One year
 - (b) Two years
 - (c) Three years
 - (d) Five years
7. In indirect Enzyme-Linked Immunosorbent Assay
 - (a) A standardized monoclonal antibody is immobilized on the solid support for detection
 - (b) A standardized polyclonal antibody is immobilized on the solid support for detection
 - (c) Antigen-antibody complex is immobilized on the solid support for detection
 - (d) A standardized antigen is immobilized on the solid support for detection
8. Which one of the following antibodies is responsible for allergic reaction
 - (a) IgE
 - (b) IgG
 - (c) IgM
 - (d) IgA
9. Which one of the following is not a bacterial vaccine
 - (a) BCG vaccine
 - (b) Pertussis vaccine
 - (c) Meningococcal vaccine
 - (d) Measles vaccine



122. Consider the following vaccines

1. DNA vaccine
2. mRNA vaccine
3. Live attenuated vaccine
4. Inactivated vaccine

The correct order of stability of vaccines given above is

- (a) $1 > 3 > 4 > 2$ (b) $2 > 4 > 3 > 1$
(c) $1 > 4 > 3 > 2$ (d) $2 > 3 > 4 > 1$

123. Which one of the following Human Leukocyte Antigens (HLA) encodes for major histocompatibility complex-II

- (a) HLA-A (b) HLA-B
(c) HLA-C (d) HLA-D

124. Which one of the following clotting factors does not require vitamin K during blood coagulation process

- (a) Factor IX (b) Factor V
(c) Factor VII (d) Factor X

125. Which one of the following proteins is mainly responsible for binding with drugs in plasma

- (a) Apolipoproteins (b) Albumin
(c) Transferrin (d) Immunoglobulin G

126. Which one of the following methods is not used for the separation of plasma proteins

- (a) Flow cytometer
(b) Precipitation by salting out technique
(c) Ultracentrifugation
(d) Electrophoresis

127. Match the List I with List II and select the correct answer using the code given below the lists

List I

(Type of Globulin)

- A. High density lipoprotein
B. Low density lipoprotein
C. Very low density
D. Glycoproteins

List II

(Function)

1. Carries triglycerides from liver to adipose tissue
2. Collects cholesterol from body tissues and brings it back to liver
3. Involved in cell-cell lipoprotein interactions lipoprotein

4. Carries cholesterol from liver to cells of the body

- (a) A-2, B-4, C-1, D-3
(b) A-3, B-1, C-4, D-2
(c) A-2, B-1, C-4, D-3
(d) A-3, B-4, C-1, D-2

128. The level of mercury as preservative in the cosmetics intended for use only in the area of eye should not exceed (calculated as metal)

- (a) 0.005% (b) 0.007%
(c) 0.009% (d) 0.010%

129. An applicant for grant of retail license in Form 20 or Form 21 or both is required to provide the premises which are in area not less than

- (a) 8 m² (b) 10 m²
(c) 12 m² (d) 15 m²

130. The permitted synthetic organic/natural organic colours used in the cosmetics shall not contain more than

- (a) 1 ppm of arsenic, 10 ppm of lead and 50 ppm of heavy metals other than lead
(b) 4 ppm of arsenic, 30 ppm of lead and 200 ppm of heavy metals other than lead
(c) 2 ppm of arsenic, 20 ppm of lead and 100 ppm of heavy metals other than lead
(d) 2 ppm of arsenic, 25 ppm of lead and 150 ppm of heavy metals other than lead

131. Toothpastes containing fluoride should not contain fluoride more than

- (a) 500 ppm (b) 1000 ppm
(c) 2000 ppm (d) 3000 ppm

132. Application for licence to manufacture drugs other than those specified in Schedules C and C-1 shall be made to the Licensing Authority of the State in

- (a) Form 24B (b) Form 24
(c) Form 24F (d) Form 240

133. Lenses for retail sale of drugs other than Schedule X are issued by the State Licensing Authority in (which require services of registered pharmacist)

- (a) Form 20,21
(b) Form 20B, 21B
(c) Form 20F, 20G
(d) Form 20A, 21A



ODISHA DRUG INSPECTOR-2023

SCAN ME

To Join FREE
Online Test

1. Which of the antihistaminic drug was withdrawn from the market owing to cardiac adverse effects
 - (a) Cetirizine
 - (b) Loratadine
 - (c) Terfenadine
 - (d) Clemastine
2. Which one is not the side effect of steroids
 - (a) Hyperglycaemia
 - (b) Bone density decline
 - (c) Muscular weakness
 - (d) Hypoxia
3. For CNS penetration which is desirable quality
 - (a) Lipid soluble
 - (b) Weak bases
 - (c) Weak acids
 - (d) All of these
4. Which of these is used as preanesthetic medication
 - (a) Aspirin
 - (b) Atropine
 - (c) Amlodipine
 - (d) Astaxanthin
5. Most common side effect of Morphine is
 - (a) Liver damage
 - (b) Tinnitus
 - (c) Blood dyscrasias
 - (d) Constipation
6. Which of these should not be given to a patient with active Tuberculosis
 - (a) Kanamycin
 - (b) Hydrocortisone
 - (c) Alpha lipoic acid
 - (d) Streptomycin
7. Which of these anticoagulant is the fastest acting
 - (a) Heparin
 - (b) Warfarin
 - (c) Protamine sulfate
 - (d) Ouabain
8. Colchicine was used mainly for treating
 - (a) Arthritis
 - (b) Gout
 - (c) Diabetes
 - (d) Hypertension
9. Most useful treatment option for Bacterial Meningitis is
 - (a) Tetracycline
 - (b) Cefotaxime
 - (c) Kanamycin
 - (d) Carbachol
10. Which of the following is TNF blocker
 - (a) Atenolol
 - (b) Sodium Barbiturate
 - (c) Etanercept
 - (d) Cromolyn Sodium
11. Incorrect statement about the important properties of Corona Virus
 - (a) Non-Enveloped RNA virus
 - (b) Enveloped RNA virus
 - (c) Contagious
 - (d) Can spread from person to person
12. Phenytoin should not be used during pregnancy because it cause
 - (a) Gum hypertrophy
 - (b) Hypersensitivity
 - (c) Hirsutism
 - (d) Hypoplastic phalanges
13. Digitalis improves atrial fibrillation by
 - (a) Decrease conduction through AV
 - (b) By decreasing cardiac contractility of AV
 - (c) Increase in refractoriness nodal tissue
 - (d) By causing bradycardia
14. Adverse effect of depot preparation of Triamcinolone
 - (a) Atopic dermatitis
 - (b) Proximal myopathy
 - (c) Vasculitis
 - (d) Atrophic rhinitis
15. Which of the following drug is devoid of decreasing angiotensin II activity
 - (a) Enalapril
 - (b) Valsartan
 - (c) Nesiritide
 - (d) Omapatrilat
16. Which of the following drug is having additional platelet anti-aggregatory effect
 - (a) Prazosin
 - (b) Losartan
 - (c) Amlodipine
 - (d) Diazoxide
17. Metoprolol is metabolized by which of the following enzyme
 - (a) CYP2C9
 - (b) CYP2C19
 - (c) CYP2C8
 - (d) CYP2D6
18. Which of the following statement is not true with respect to butyryl cholinesterase
 - (a) It is found in all cholinergic sites, RBC, and gray matter
 - (b) It is found in plasma, liver, intestine, and white matter
 - (c) It slowly hydrolyses Acetylcholine
 - (d) It is responsible for the hydrolysis of ingested esters



MPSC DRUG INSPECTOR-2023

SCAN ME

To Join FREE
Online Test

1. The substance involved in the control of platelet production is
(a) Plasminogen (b) Thrombopoietin
(c) Fibrinogen (d) Erythropoietin
2. Plasma from which the clotting factors are removed is known as
(a) Lymph (b) Serum
(c) Plasmin (d) Platelet
3. Vitamin K is essential for the synthesis of the following factors EXCEPT
(a) Factor IX (b) Factor X
(c) Factor III (d) Factor II
4. The shape of erythrocyte disc is
(a) Biconvex (b) Concave
(c) Convex (d) Biconcave
5. Neutrophils squeeze through the capillary walls in the area of infection through a process called
(a) Decussation (b) Dysplasia
(c) Deglutition (d) Diapedesis
6. The clotting factor, Factor IX is otherwise known as
(a) Christmas Factor (b) Hageman Factor
(c) Labile Factor (d) Stuart Prower Factor
7. AIDS is a/an _____ immunodeficiency disease
(a) Secondary (b) Primary
(c) Tertiary (d) Quaternary
8. *Trichomonas vaginalis* is a
(a) Fungi (b) Bacteria
(c) Protozoa (d) Virus
9. The type of spirochaete bacteria responsible for producing syphilis is
(a) Leptospira (b) Helicobacter
(c) Borrelia (d) Treponema
10. The gene for reverse transcriptase which act as marker for laboratory diagnosis of HIV infection is
(a) Gag (b) Tat
(c) Pol (d) Env
11. Type I hypersensitivity reaction is mediated by antibodies
(a) IgM (b) IgA
(c) IgG (d) IgE
12. Which drug among the following antifungals act by inhibiting the formation of glucan in fungal cell wall
(a) Allylamines (b) Polyenes
(c) Echinocandins (d) Azoles
13. _____ is the main mineralocorticoid in humans
(a) Serotonin (b) Aldosterone
(c) Cortisol (d) Androgen
14. One among the following drug is a Vitamin K antagonist anticoagulant
(a) Enoxaparin (b) Dalteparin
(c) Warfarin (d) Heparin
15. A drug with high affinity for receptor and high intrinsic activity is a/an
(a) Agonist (b) Antagonist
(c) Partial agonist (d) Inverse agonist
16. The major carrier protein of acidic drugs in the blood stream is
(a) Globulin (b) Keratin
(c) Ferritin (d) Albumin
17. Which among the following drug is a reversible carbamate inhibitor used for the treatment of Alzheimer disease
(a) Tacrine (b) Galantamine
(c) Rivastigmine (d) Donepezil
18. The enteral route of administration depicts one among the following route
(a) Intrathecal (b) Buccal
(c) Transdermal (d) Inhalation
19. Dipeptidyl peptidase IV is a _____ protease
(a) Threonine (b) Aspartic
(c) Cysteine (d) Serine



- (c) Either conclusion II follows or conclusions I and III together follow
(d) Either conclusion I or II follows, but III is uncertain

96. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements

Statements

1. Use social media only if I am bored. I am not bored when I have my friend's company

Conclusions

II. If I am bored, I seek my friend's company
III. I don't use social media when my friend is present

Options

- (a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusion I and II follow
(d) Neither conclusion I nor II follows

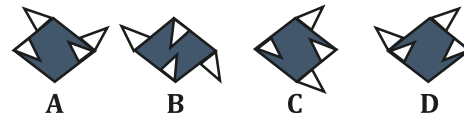
97. Three of the following four figures are alike in a certain way and one is different. Select the odd one



- (a) A
(b) B
(c) C
(d) D

98. Three of the following four figures are alike in

a certain way and one is different. Select the odd one



- (a) D
(b) C
(c) B
(d) A

99. Three statements are given followed by three conclusions numbered I, II, and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements

Statements

(1) All sparrows are pigeons
(2) Some sparrows are crows
(3) All crows are kites

Conclusions

I. All pigeons are kites
II. Some kites are pigeons
III. All sparrows are kites

Options

- (a) Only conclusion I follows
(b) Only conclusion II follows
(c) Only conclusion III follows
(d) Either conclusion I or II follows

100. Which Letter-number cluster will replace the question mark (?) in the following alpha-numeric series to make it logically complete

TG61, QJ56, NM52, KP49, ?

- (a) IR47
(b) HS52
(c) IR52
(d) HS47

ANSWER KEY

1-b	2-b	3-c	4-d	5-d	6-a	7-a	8-c	9-d	10-c
11-d	12-c	13-b	14-c	15-a	16-d	17-c	18-b	19-d	20-a
21-c	22-a	23-a	24-d	25-c	26-a	27-c	28-a	29-b	30-d
31-c	32-a	33-b	34-a	35-d	36-c	37-b	38-a	39-b	40-d
41-c	42-d	43-b	44-a	45-a	46-b	47-d	48-b	49-c	50-d
51-c	52-b	53-c	54-c	55-d	56-a	57-a	58-d	59-c	60-b
61-a	62-b	63-d	64-b	65-d	66-c	67-c	68-c	69-b	70-d
71-d	72-d	73-a	74-a	75-d	76-b	77-d	78-a	79-a	80-b
81-d	82-b	83-b	84-d	85-c	86-c	87-b	88-c	89-a	90-d
91-b	92-b	93-c	94-c	95-d	96-b	97-d	98-c	99-b	100-d



TELANGANA DRUG INSPECTOR-2023

SCAN ME

To Join FREE
Online Test

SHIFT-I

1. In a certain code language, 'IMP' is written as 'HJLNOQ'

Based on the given coding, match the following

A. TAG	1. SUDFMO
B. TIE	2. SUHJDF
C. TEN	3. SUZBFH

- (a) A-3, B-2, C-1 (b) A-2, B-3, C-1
(c) A-2, B-1, C-3 (d) A-1, B-2, C-3
2. Which of the following statements about the Telangana state is/are NOT correct
- A. It is surrounded by Karnataka in the West
B. It is surrounded by Maharashtra in the East
C. There are 32 Zilla Praja Parishads in Telangana state as on 2022
- (a) Only B (b) Only A
(c) Both B and C (d) A and B
3. Match the following Acts and Policies with their respective descriptions

1. Indian Independence Act	A. Policy of non-cooperation with British
2. Government of India Act, 1935	B. Act that granted India Dominion status
3. Swadeshi Movement	C. Act that provided for the establishment of provincial autonomy
4. Quit India Movement	D. Mass civil disobedience movement against British rule

- (a) 1-B, 2-A, 3-C, 4-D (b) 1-C, 2-B, 3-D, 4-A

- (c) 1-C, 2-D, 3-A, 4-B (d) 1-B, 2-C, 3-A, 4-D

4. Fill in the blank with the most appropriate option.

We all are not pawns in the hands of time, we

- (a) aren't (b) can't
(c) have (d) are

5. Which country won the gold medal in men's hockey at the 2020 Tokyo Olympics

- (a) Australia (b) India
(c) Belgium (d) Netherlands

6. Which of the following are unique arts of Telangana state in which silver is engraved on metal and then black, gold, and silver coatings are applied

- (a) Banjara Needle Crafts
(b) Dokra Metal Crafts
(c) Nirmal Arts
(d) Bidri Craft

7. Eight brothers, Aman, Binod, Chaman, Dev, Eshan, Faisal, Gautam and Hemant are sitting around a square table in such a way that four of them sit at four corners of the square while four sits in the middle of each of four sides. The one who sits at four corners faces the centre while those who sit in the middle of the sides face outside, Aman who faces the Centre sits third to the right of Faisal. Eshan, who faces Centre, is not an immediate neighbour of Faisal. Only one person sits between Faisal and Gautam. Dev sits second to the right of Binod. Binod faces the centre. Chaman is not an immediate neighbour of Aman

Which of the following statements is/are true based on the above conditions



36. Read the following statements and choose the correct answer

Statement 1: Poverty is a condition where a person lacks the basic necessities of life, such as food, shelter, and clothing

Statement 2: India is home to the largest number of poor people in the world

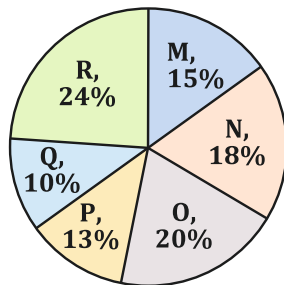
- (a) Only statement 2 is correct
- (b) Only statement 1 is correct
- (c) Both statements 1 and 2 are incorrect
- (d) Both statements 1 and 2 are correct

37. Which of the following is an example of a cereal crop commonly grown in India

- (a) Wheat
- (b) Tomato
- (c) Potato
- (d) Banana

38. The following pie-chart shows the population of villages in Bihar. If the population of village N is 54,000, then what is the population of village O

Population (in percent)



- (a) 50,000
- (b) 55,000
- (c) 40,000
- (d) 60,000

39. Which of the following statements regarding Indian citizenship is/are correct

1. Indian citizenship can be acquired through birth, descent, registration, or naturalization
2. Persons born on Indian soil are automatically considered Indian citizens
3. The Citizenship Amendment Act (CAA) of 2019 provides a path to citizenship for Hindu, Sikh, Buddhist, Christian, Parsi, and Jain illegal immigrants from Pakistan, Bangladesh, and Afghanistan who entered India before December 31, 2014
4. The Constitution of India allows for dual citizenship, wherein a person can be a citizen of India as well as another country

- (a) Statements 1 and 2 only
- (b) Statements 1, 2, and 4 only

- (c) Statements 2 and 3 only
- (d) Statements 1, 2 and 3 only

40. Select the most appropriate synonym of the given word

Acquaintance

- (a) Antagonist
- (b) Associate
- (c) Detractor
- (d) Contender

41. River Ganga, in India has been found to be one of the _____ rivers in the world

- (a) Most polluted
- (b) Shallowest
- (c) Smallest
- (d) Cleanest

42. Consider the following statements regarding Parliament under the Union and State Government of India

- A. The Parliament of India consists of the President, Lok Sabha and Rajya Sabha
- B. The legislative assembly is the lower house of the state legislature in every state of India
- C. The Lok Sabha members are directly elected by the people of India
- D. The Governor of a state can nominate one member to the Rajya Sabha from the state

Which of the following combinations is/are correct

- (a) A, B and C only
- (b) B and C only
- (c) A, B, C and D
- (d) A, C and D only

43. Which of the following is an example of a structural mitigation measure for earthquake hazards

- (a) Emergency response planning and evacuation procedures
- (b) Early warning systems and monitoring technologies
- (c) Building codes and zoning regulations
- (d) Education and public awareness campaigns

44. Which of the following options is correct
Statement 1: The Golden Quadrilateral is an important highway network in India that connects the major cities and ports of the country

Statement 2: The introduction of the National Optical Fibre Network (NOFN) has revolutionized communication in rural India

- (a) Both statements are unrelated to transportation and communication
- (b) Both statements are related to transportation and communication

64. Read the following statements and choose the correct answer

Statement 1: Fundamental rights are enshrined in Part III of the Constitution of India

Statement 2: Right to education is not a fundamental right in India

- (a) Statement 1 is true, statement 2 is false
- (b) Both statements are true
- (c) Both statements are false
- (d) Statement 1 is false, statement 2 is true

65. Choose the correct combination of statements related to the State Legislature under the Union and State Government of India

1. The State Legislature consists of the Governor and the Legislative Council
2. The Legislative Assembly is the lower house of the State Legislature
3. The maximum strength of the Legislative Assembly is determined by the size of the state's population
4. The term of the Legislative Assembly is five years, unless dissolved earlier

- (a) Statements 2, 3 and 4 are correct
- (b) Statements 2 and 4 are correct
- (c) Statements 2 and 3 are correct
- (d) Statements 1, 2 and 3 are correct

66. Which of the following is a serious public health concern associated with the excessive use of chemical fertilizers and pesticides in agriculture

- (a) Increased risk of COVID-19
- (b) Increased risk of malaria
- (c) Neurological disorders
- (d) High changes of human immunodeficiency virus infection and acquired immune deficiency syndrome (HIV/AIDS)

67. Arrange the following events in chronological order based on their timeline of implementation in India

- A. Introduction of HYVP (High-Yielding Variety Programme)
- B. The Advisory Board for the Imperial Council of Agricultural Research (ICAR) plans India's participation in the UN FAO
- C. The Great Bengal Famine occurs
- D. First Five-Year Plan

- (a) C, B, D, A
- (b) B, A, D, C
- (c) A, C, B, D
- (d) A, D, C, B

68. Which of the following organs is responsible for producing a hormone that regulates blood sugar in the human body

- (a) Kidney
- (b) Pancreas
- (c) Lungs
- (d) Liver

69. To avail of the benefits of the Kalyana Lakshmi Shaadi Mubarak scheme of Telangana state, a combined annual income of her parents NOT exceeding _____ are eligible for the Scheme

- (a) ₹ 2 lakhs per annum
- (b) ₹ 2.5 lakhs per annum
- (c) ₹ 1.5 lakhs per annum
- (d) ₹ 3 lakhs per annum

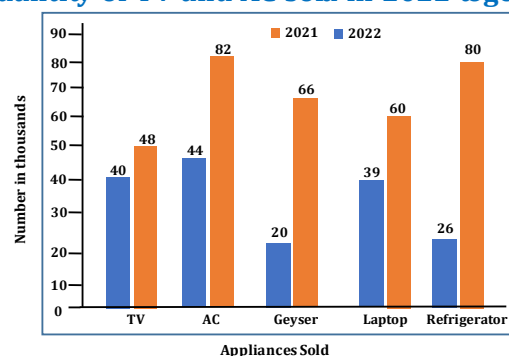
70. Select the most appropriate meaning of the proverb given below
"Easy come, easy go"

- (a) When something is easily obtained, it is typically lost just as easily
- (b) Be patient, things take time to happen
- (c) If you associate with bad or dishonest people, bad will happen to you
- (d) You cannot change the past

71. From the options choose the correct active voice form for the sentence given below.
The thoughts in her mind didn't match the words she spoke is what she realized

- (a) Her words didn't match her thoughts
- (b) Her thoughts do not match her words
- (c) The words she spoke didn't match the thoughts in her mind, is what she realised
- (d) She realised that the words she spoke didn't match the thoughts in her mind

72. The Bar graph shows the number of different types of electronics sold (in thousands) by a shop in the years 2021 and 2022. The quantity of Laptops sold in 2021 is what percent of the quantity of TV and AC sold in 2022 together



- (a) 30%
- (b) 20%
- (c) 33%
- (d) 25%



131. Which of the following statements about the Himalayas is NOT true

- (a) The Himalayas are the tallest mountain range in the world
- (b) The Himalayas spread across five countries, including India
- (c) The Himalayas are primarily made up of sedimentary rocks
- (d) The Himalayas were formed due to the collision of the Indian and Eurasian tectonic plates

132. Fill in the blank with the most appropriate option

I was too _____ to make sense of any of it

- (a) daisy
- (b) dazzled
- (c) days
- (d) dazed

133. Lizard comes under which category of animals

- (a) Fish
- (b) Reptile
- (c) Mammal
- (d) Amphibian

134. Two Statements are given followed by two conclusions numbered I and II Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements

Statements

Some books are schools

All schools are hospitals

Conclusions

I. Some banks are hospitals

II. All hospitals are school

- (a) Only II follows
- (b) Only I follows
- (c) Neither I nor II follows
- (d) Both I and II follows

135. Fill in the blank with the most appropriate option

The so-called Brahmin before him might be _____ Yudhishtir himself

- (a) however
- (b) perhaps
- (c) somewhat
- (d) actually

136. Match the CORRECT pair of event and year of occurrence of the event

Pair	Event	Year
A	K Chandrasekhar Rao launched his Bharat Rashtra Samiti (BRS) party by renaming the existing Telangana Rashtra Samiti	2022
B	K Chandrashekar Rao went for early assembly elections	2018
C	K Chandrashekar Rao was sworn in as the first chief minister of the Telangana state	2014

- (a) Only A
- (b) A, B, and C
- (c) Both A and B
- (d) Both C and B

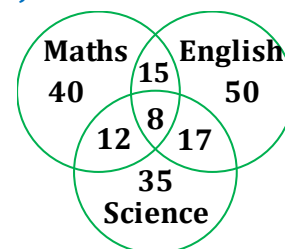
137. Which of the following dishes of Telangana state is also known as Tapala Chekka or Grinne Appa

- (a) Sarva Pindi
- (b) Garijalu
- (c) Pacchi Pulusu
- (d) Sajja Rotte

138. Perini Sivathandavam or Perini Thandavam dance of Telangana state used to be performed by which of the following groups of people

- (a) Farmers
- (b) Clerics
- (c) Storyteller
- (d) Warriors

139. The following Venn diagram shows subjects selected by the number of students in a class. Find the number of students who have selected only 2 subjects



- (a) 52
- (b) 36
- (c) 44
- (d) 50

140. Which of the following initiatives was launched by the Government of India to encourage innovation and research in the field of science and technology, especially among women

- (a) Make in India Initiative
- (b) Digital India Programme
- (c) Pradhan Mantri Jan Dhan Yojana
- (d) Knowledge Involvement in Research Advancement through Nurturing (KIRAN scheme)

SHIFT-II

- Which statement is correct regarding drug Ivermectin BP**
 - Its peak levels in plasma are achieved within 24-36 hours after oral administration
 - It is green crystalline powder
 - It is practically insoluble in water
 - It has terminal half-life of about 2 hours in adults
- What is the name given to hypertension with a known cause**
 - Essential hypertension
 - Primary hypertension
 - Malignant hypertension
 - Secondary hypertension
- Which of the following statement is correct regarding the sterilization of needles**
 - Needles can be sterilized by autoclaving or dry heat method**
 - Suture needles may be sterilized in the air at 16°C for 60 minutes**
 - Neither I nor II
 - Only II
 - Both I and II
 - Only I
- Which of the following statements is correct regarding the coronary artery disease**
 - Chest pain is the most common symptom associated with this disease**
 - The entire symptom complex of this disease has been termed angina pectoris**
 - Only I
 - Only II
 - Both I and II
 - Neither I nor II
- Match the following types of shocks with their etiological factors**
Types of shock
 - Neurogenic shock**
 - Cardiogenic shock**
 - Hypovolemic shock****Etiological factors**
 - Arrhythmias**
 - Spinal Anesthesia**
 - Loss of plasma due to burns**
 - I-2, II-3, III-1
 - I-2, II-1, III-3
 - I-3, II-1, III-2
 - I-1, II-3, III-2
- What is the clear, colourless liquid composed primarily of water that protects the brain and spinal cord from chemical and physical injuries called**
 - Synovial fluid
 - Transcellular fluid
 - Cerebrospinal fluid
 - Pleural fluid
- Match the following Receptors with their locations and choose the correct option**
 - Nicotinic receptor**
 - α_1 receptor**
 - β_2 receptor**
 - Ciliary muscle in eye**
 - Salivary gland cells**
 - Chromaffin cells of adrenal medullae**
 - I-1, II-2, III-3
 - I-2, II-3, III-1
 - I-1, II-3, III-2
 - I-3, II-2, III-1
- Which drug is used in some patients with sickle cell disease to promote transcription of the normal Hb-F gene**
 - Prednisone
 - Hydroxyurea
 - Cotrimoxazole
 - Diethylcarbamazine
- Which of the following statement is correct about Collodions**
 - Collodions are the liquid preparations meant for external application to skin**
 - They are applied with a brush or rod**
 - Flexible collodion contains pyroxillon, castor oil and alcohol in solvent ether**
 - Only III
 - II and III only
 - II and III
 - I and II only
- Which of the following treatments can be used for Scabies**
 - Single application of gamma benzene hexachloride (GBH) 1% to the whole body below the neck**
 - Crotamiton applied as cream twice during a 48-hour period**
 - Dapsone and rifampicin for 3 days**
 - I and II only
 - I, II and III
 - II and III only
 - Only III





BIHAR DRUG INSPECTOR-2023

SCAN ME



To Join **FREE**
Online Test

PHARMACEUTICS

- The enteric-coated tablets are initially tested for disintegration in which media**
 - Simulated gastric fluid
 - Simulated intestinal fluid
 - Purified water
 - Phosphate buffer (pH 6-8)
- Which of the following excipient is not used in chewable tablets**
 - Diluent
 - Flavouring agent
 - Disintegrant
 - Sweetening agent
- The function of cam tracks in tableting machine is to**
 - Feed the granules
 - Guide the movement of punches
 - Compress the granules
 - Fix the shape of tablets
- The capping of tablets can be prevented by**
 - Pre-compression
 - Reducing the final compression rate
 - Using the flat punches
 - All of these
- The Maillard reaction is due to the reaction of amine drugs with ____ used in tablets**
 - Disintegrant
 - Binder
 - Diluent
 - Glidant
- The deformity in ____ of the tablet is called as mottling**
 - Shape
 - Flavour
 - Thickness
 - Colour
- The elasticity of soft gelatin capsule shells can be controlled by adding**
 - Povidone
 - Lactose
 - Sorbitol
 - Sorbic acid
- Sulfur dioxide (0.15%) is used in the manufacturing of hard gelatin capsules to**
 - Impart strength to capsules
 - Improve flexibility of capsule shell
 - Opacify the shell
 - Prevent decomposition
- Identify the rate limiting step in the absorption of drugs from orally administered solution dosage forms.**
 - Gastric emptying
 - Dissolution
 - Disintegration
 - All of these
- The large volume of distribution (V_d) of the drug indicates that it**
 - Is not bioavailable
 - Is ineffective
 - Has short half-life
 - Is accumulated in various tissues and organs
- The pKa of drug X is 4.2. It means that at pH of 4.2 the drug X will be**
 - 90% unionized
 - 50% ionized
 - 10% ionized
 - 100% unionized
- The units of area under plasma concentration vs time curve are**
 - mg/cm/min
 - cm²
 - mg/ml/min
 - cm²/min
- Limulus amoebocyte lysate test is used for testing**
 - Pyrogenicity
 - Clarity
 - Isotonicity
 - Sterility
- The base adsorption is used for determining the**
 - Amount of liquid absorbed by the drug
 - Minimum capsule size
 - Flow properties of capsule contents
 - Suppository size



41. In microbiological assay of niacin, purification of test solution is not ordinarily important, because
 (a) All purified reagents are used
 (b) *L. plantarum* is unaffected by other substances
 (c) Niacin does not react with other substances
 (d) None of these
42. In bioassay of corticotropin injection, the end point is
 (a) Reduction of ascorbic acid content of adrenal glands
 (b) Reduction of citric acid content of adrenal glands
 (c) Both (a) and (b)
 (d) None of these
43. Rat pre-treated with phenoxy benzamine is required in bioassay of
 (a) Heparin injection
 (b) Glucagon injection
 (c) Vasopressin injection
 (d) Oxytocin injection
44. The lifetime of vibrationally excited molecule is less than or equal to
 (a) 10^{-3} sec (b) 10^{-12} sec
 (c) 10^{-6} sec (d) 10^{-5} sec
45. Predissociation can occur during
 (a) Vibrational relaxation
 (b) Internal conversion
 (c) External conversion
 (d) None of these
46. Rigidity in chemical structures is
 (a) Favourable for fluorescence
 (b) Unfavourable for fluorescence
 (c) Increase the concentration
 (d) None of these
47. The order of relative intensity of fluorescence among Bromobenzene, Fluorobenzene and Iodobenzene is
 (a) Fluorobenzene > Bromobenzene > Iodobenzene
 (b) Bromobenzene > Fluorobenzene > Iodobenzene
 (c) Iodobenzene > Bromobenzene > Fluorobenzene
 (d) Fluorobenzene > Iodobenzene > Bromobenzene
48. The test organism for micro- biological assay of bleomycin is
 (a) *Pseudomonas aeruginosa*
 (b) *Mycobacterium smegmatis*
 (c) *Staphylococcus epidermidis*
 (d) *Bacillus pumilus*
49. The test organism for micro- biological assay of tylosin is
 (a) *Klebsiella pneumoniae*
 (b) *Mycobacterium smegmatis*
 (c) *Staphylococcus aureus*
 (d) *Bacillus subtilis*
50. *Bordetella bronchiseptica* can be used for the assay of
 (a) Polymyxin B (b) Gentamicin
 (c) Framycetin (d) Tetracycline

MEDICINAL CHEMISTRY

1. The sex hormones androgens are derived from which of the following carbon skeletons
 (a) C_{21} (b) C_{27} (c) C_{19} (d) C_{18}
2. Anabolic steroids are synthetic versions of which hormone
 (a) Estrogen (b) Progesterone
 (c) Testosterone (d) Thyroid hormone
3. What is the primary medical use of steroids
 (a) To treat inflammation and immune system disorders
 (b) To boost athletic performance
 (c) To enhance mental focus and concentration
 (d) To promote hair growth
4. The characteristic chemical feature of the anabolic steroid nandrolone is
 (a) Presence of a pyrazole ring
 (b) Presence of an isoxazole ring
 (c) Absence of 19-methyl group
 (d) Absence of 18-methyl group
5. Which of the following drugs is sold under proprietary name Fortral
 (a) Fentanyl (b) Pentazocine
 (c) Phenadoxone (d) Pethidine
6. Which form of methadone is used as an analgesic
 (a) Levo isomer (b) Dextro isomer
 (c) Racemic mixture (d) Isomethadone



40. Cell was discovered by

- (a) Leeuwenhoek (b) Robert Hooke
(c) Robert Swanson (d) Robert Brown

41. ABCs of basic life support are

- (a) Airway, Bridge, Canal
(b) Airway, Breathing, Circulation
(c) Action, Breathing, Circulation
(d) None of the above

42. An efficient dressing should be

- (a) With germ (b) Germ-free
(c) Oily (d) Moist

43. The aim of first aid is to

- (a) Preserve life and limbs
(b) Limit further injuries
(c) Promote recovery
(d) All of these

44. HIV belongs to which of the of following genus members virus

- (a) Rotavirus (b) Retrovirus
(c) Parvovirus (d) Reovirus

45. What is sex ratio

- (a) The number of females per thousand male
(b) The number of females per hundred male
(c) The study of population growth
(d) The difference between birthrate and death rate

46. Name the State having the highest percentage of literacy level

- (a) Kerala (b) Maharashtra
(c) Punjab (d) West Bengal

47. The number of people in different age groups is referred as

- (a) Sex ratio
(b) Age composition
(c) Adolescent population
(d) Occupational structure

48. Water-soluble vitamin is

- (a) Vitamin A (b) Vitamin E
(c) Vitamin D (d) Vitamin B

49. Which vitamin is abundant in citrus fruits

- (a) Vitamin A (b) Vitamin C
(c) Vitamin D (d) Vitamin B

50. Pepsin converts

- (a) Starch to glucose
(b) Fat to fatty acid
(c) Carbohydrate to glucose
(d) Protein to amino acid

PHARMACOLOGY**1. The study of mechanism of action of drug and pharmacological effects of drug on the human body is known as**

- (a) Pharmacokinetics (b) Toxicology
(c) Pharmacology (d) Pharmacodynamics

2. Drugs are not excreted from the body through

- (a) Kidney
(b) Breast milk, saliva, sweat and bile
(c) Intestine
(d) Heart

3. Putting a drug in liquid form into a body cavity is known as

- (a) Inhalation (b) Instillation
(c) Insertion (d) Insufflation

4. When a drug is administered through the layers of skin into areolar tissue, this is known as

- (a) Intradermal administration
(b) Intra-arterial administration
(c) Subcutaneous administration
(d) Intramuscular administration

5. A drug that relieves itching is

- (a) Antiseptic (b) Antipruritic
(c) Anti-infective (d) Anti-inflammatory

6. 5% glucose saline means

- (a) Each 100 ml contains 5 gm glucose and 5 gm sodium chloride
(b) Each 100 ml contains 5 gm glucose and 0.9 gm sodium chloride
(c) Each 100 ml contains 5 gm glucose and 0.4 gm sodium chloride
(d) Each 100 ml contains 0.5 gm glucose and 0.9 gm sodium chloride

7. 5% dextrose in normal saline (NS) is

- (a) Isotonic fluid (b) Hypotonic fluid
(c) Hypertonic fluid (d) None of these

8. In the following, which fluid solution is an isotonic solution

- (a) Ringer's lactate solution (RL)
(b) 0.45% sodium chloride solution
(c) Normal saline (NS) solution
(d) Ringer's lactate solution (RL) and Normal saline (NS) solution



PHARMACEUTICAL JURISPRUDENCE

1. **In India, pharmacy profession is governed by the**
(a) Pharmacy Act, 1958 (b) Pharmacy Act, 1948
(c) Pharmacy Act, 1938 (d) Pharmacy Act, 1968
2. **Biopharmaceutical classification system means a system used to classify drugs on the basis of**
(a) Solubility and stability
(b) Solubility and bioavailability
(c) Solubility and permeability
(d) Bioavailability and permeability
3. **Purified and standardized fraction with defined minimum four bioactive or phytochemical compounds (qualitatively and quantitatively assessed) of an extract of a medicinal plant is**
(a) Phytopharmaceutical drug
(b) Phytochemical drug
(c) Phytobiopharmaceutical drug
(d) Phytobiochemical drug
4. **An Act to regulate the import, manufacture, distribution and sale of drugs and cosmetics is the**
(a) Drugs and Cosmetics Act, 1940 (Act No. 20 of 1940)
(b) Drugs and Cosmetics Act, 1945 (Act No. 23 of 1945)
(c) Drugs and Cosmetics Act, 1945 (Act No. 20 of 1945)
(d) Drugs and Cosmetics Act, 1940 (Act No. 23 of 1940)
5. **To analyze or test, drug samples are sent to**
(a) The Central Drugs Laboratory
(b) The Drugs Testing Agency
(c) The Central Testing Laboratory
(d) The Central Drugs Agency
6. **An import licence for drugs specified in Schedule X is a licence in**
(a) Form 10A (b) Form 10
(c) Form 11A (d) Form 12A
7. **An import licence, unless, it is sooner suspended or cancelled, shall be valid for a period of ____ years from the date of its issue**

- (a) 5 (b) 3 (c) 10 (d) 15
8. **Good manufacturing practices for premises and materials are covered under**
(a) Schedule O (b) Schedule N
(c) Schedule G (d) Schedule M
 9. **Atorvastatin and Atenolol are ____ drugs**
(a) Schedule H (b) Schedule C
(c) Schedule A (d) Schedule G
 10. **As per Drugs Rules, 1945, the Central Licence Approving Authority is the**
(a) Drugs Controller (India)
(b) Deputy Drugs Controller (India)
(c) Joint Drugs Controller (India)
(d) All of these
 11. **A person who is holding a qualification granted by an authority specified or notified under Section 3 of the Indian Medical Degrees Act, 1916 (Act No. 7 of 1916), or specified in the Schedules to the Indian Medical Council Act, 1956 (Act No. 102 of 1956) is**
(a) Medical practitioner
(b) Registered medical practitioner
(c) Registered medicine practitioner
(d) Registered medicine person
 12. **Requirements and guidelines for permission to import and/or manufacture of new drugs for sale or to undertake clinical trials fall under**
(a) Schedule Y (b) Schedule Z
(c) Schedule X (d) Schedule C
 13. **Glibenclamide and Insulin are ____ drug**
(a) Schedule H (b) Schedule B
(c) Schedule O (d) Schedule G
 14. **Bandage cloth made up of ____ fibres**
(a) Jute (b) Silk
(c) Cotton (d) Polyester
 15. **'Mutatis mutandis' meaning is**
(a) Things having been changed that have to be changed
(b) Things will be changed that have to be changed
(c) Things will not be changed that have to be changed
(d) Things having not been changed that have to be changed



MADHYA PRADESH DRUG INSPECTOR-2022

SCAN ME

To Join FREE
Online Test

- Young's modulus is a type of**
 - Pseudo modulus
 - Bingham modulus
 - Plastic modulus
 - Elastic modulus
- Fill in the blank with the correct option. Zeta potential determination is a significant characterization technique of nanocrystals employed for understanding the stability of nanosuspensions**
 - Chemical
 - Physical
 - Organic
 - Inorganic
- What is the correct sequence of steps involved in the herbal drug production**
 - Identification, cultivation, collection, processing, authentication
 - Authentication, cultivation, collection, processing, identification
 - Identification, authentication, cultivation, collection, processing
 - Cultivation, collection, processing, authentication, identification
- Which method is appropriate for analysing data when there are two or more measurements of each observations and the variables are to be analysed simultaneously**
 - Linear regression analysis
 - Multivariate analysis
 - Two-way ANOVA
 - Correlation analysis
- Which immunoglobulin is the first one to be produced during an immune response**
 - Immunoglobulin E
 - Immunoglobulin A
 - Immunoglobulin M
 - Immunoglobulin G
- Which of the following does not increase Digoxin toxicity**
 - Hyperkalemia
 - Renal impairment
 - Hypercalcemia
 - Hypomagnesemia
- Which of the following is determined in saponification value**
 - Chloride
 - NaCl
 - Oxygen
 - KOH
- Pisiform bone is found in which of the following joint**
 - Sternoclavicular joint
 - Ankle joint
 - Wrist joint
 - Shoulder joint
- What are the reasons that dry granulation method of tablet preparation is becoming more popular than other methods**

(P) No reaction due to heat or moisture
(Q) Low cost of equipment handling
(R) Ability to produce uniform tablets in composition

 - (P), (Q) and (R)
 - Only (P)
 - Only (R)
 - (P) and (Q)
- The computer language HTML is**
 - Cannot ignore small errors
 - Case sensitive
 - Not static
 - Does not preserve white tags
- What is the quantity of dextrose required to prepare a solution isotonic with blood plasma. The molecular weight of dextrose is 180 and it is non-ionizing**
 - 8.5 grams
 - 10.2 grams
 - 5.4 grams
 - 5 grams
- What is the name of the process by which benzene molecule is stabilized**
 - Reflection
 - Resonance
 - Refraction
 - Retraction
- What is the formula of partition coefficient to represent the lipophilicity of an organic compound if A is the concentration of unionized compound**
 - $\log P = 1/\{A\}_{\text{aqueous}}$
 - $\log P = \{A\}_{\text{organic}} / \{A\}_{\text{aqueous}}$
 - $\log P = \{A\}_{\text{organic}} / \{A\}_{\text{aqueous}}$
 - $\log P = 1/\{A\}_{\text{organic}}$



176. If $13 = 6x + \frac{x}{1 - \frac{1}{2}} - \frac{x}{1 + \frac{1}{2}}$ then what is the value

$$4x + \frac{3}{x}$$

- (a) 10 (b) 8 (c) 4 (d) 5

177. A train running at a speed of 80 km per hour crosses a platform in 25 seconds, if the length of the train is 150 meters, what is the length of the platform

- (a) 433.3 m (b) 400.5 m
(c) 435.3 m (d) 450.3 m

178. What is the value of the given expression

$$1\frac{3}{4} + 1\frac{1}{2} + 2\frac{2}{3} + 3\frac{3}{4} + 5\frac{1}{2} + 8\frac{1}{3} + 4\frac{3}{4} + 2\frac{3}{4}$$

- (a) 26 (b) 31 (c) 45 (d) 55

179. A park is 32 m long and 16 m wide. A carpet of 260 square meter area is laid on the floor. What is the area of the park (in square meter) which is not carpeted

- (a) 250 (b) 286 (c) 252 (d) 260

180. At what rate percent per annum will Rs 74088 amount to Rs 97336 in 3 years at compound interest

- (a) $8\frac{11}{21}\%$ (b) $8\frac{11}{13}\%$
(c) $12\frac{5}{13}\%$ (d) $9\frac{11}{21}\%$

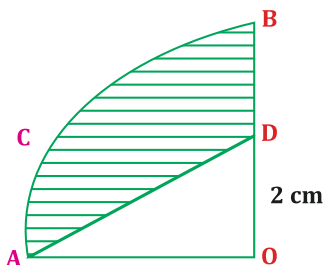
181. The compound Interest (in rupees) on Rs. 680 in 2 years at 8% per annum, the interest being compounded half yearly is

- (a) 116.6 (b) 115.5
(c) 118 (d) 200

182. A boatman goes 30 km downstream in his boat in 3 hours, if the speed of the current is 5 km per hour, find the normal speed of the boatman

- (a) 6 km/hr (b) 5 km/hr
(c) 10 km/hr (d) 8 km/hr

183. In the given figure, AOBCA represents a quadrant of a circle of radius 8 cm with center O. What is the area of the shaded part



- (a) 42.24 cm^2 (b) 8.65 cm^2
(c) 6.45 cm^2 (d) 8 cm^2

184. What is the area (in square cm) of the rhombus, if the length of each side of a rhombus is 5 cm and one of the diagonals is 8 cm

- (a) 30 (b) 40
(c) 24 (d) 50

185. The length and breadth of a rectangular field is in the ratio of 3:2. If the area of the field is 1350 m^2 , then the cost of fencing it at Rs. 30/m will be

- (a) Rs. 4000 (b) Rs. 4500
(c) Rs. 5240 (d) Rs. 5680

186. निम्नलिखित में से कौन-सा शब्द गुण स्वर संधि का सही उदाहरण नहीं है

- (a) महोदय (b) परोपकार
(c) मतानुसार (d) कमलेश

187. निम्नलिखित में से कौन-सा शब्द "एरा" प्रत्यय का प्रयोग कर नहीं बनाया गया है

- (a) चचेरा (b) सँपेरा
(c) पराक्रम (d) चितेरा

188. वर्तनी, व्याकरण एवं अनावश्यक शब्दों के प्रयोग की दृष्टि से, निम्नलिखित में से कौन-सा एक वाक्य अशुद्ध है

- (a) आपके दर्शन कब होंगे
(b) उनके रहस्य प्रकट हो गए
(c) माली पौधों को सींच रहा है
(d) भारत और पाक में घोर घमासान युद्ध हुआ था

189. निम्नलिखित में से वाक्य के पूर्णतः शुद्ध रूप (त्रुटि रहित वाक्य) का चयन कीजिए

- (a) कृपया करके आज का अवकाश देने की कृपा करें
(b) आज का अवकाश देने की कृपा करें
(c) आज का अवकाश देने की कृपया करके कृपा करें
(d) कृपया आज का अवकाश देने की कृपा करें

190. निम्नलिखित में से त्रुटि रहित वाक्य का चयन कीजिए

- (a) उस पर सुख के पहाड़ टूट पड़े
(b) मुझे कान ही पुर जाना था
(c) यह कहना आपका भूल है
(d) उसने हस्ताक्षर किए होंगे

191. निम्नलिखित में से कौन-सा शब्द प्रत्यय का प्रयोग कर बनाया गया है

- (a) निश्काम (b) सँपेरा
(c) दुस्साध्य (d) उद्घाटन

ASSAM DRUG INSPECTOR-2022

SCAN ME

To Join FREE
Online Test

1. **Proton pump inhibitors act through**
(a) Reduced absorption of pectin
(b) Altered gastric pH
(c) Coating gastric mucosa
(d) All of these
2. **Special test for Syphilis is**
(a) VDRL test (b) FAT test
(c) ELISA test (d) None of these
3. **Nitrofurantoin contains**
(a) Furan ring (b) Nitro group
(c) Imidazole ring (d) All of these
4. **Which of the following molecule antagonizes the antihypertensive effect of diuretics**
(a) Aspirin (b) Indomethacin
(c) Statin (d) Quinidine
5. **The number of waves passing a point per second is**
(a) Power (b) Wave number
(c) Wavelength (d) Frequency
6. **Which of the following indicator is used in Complexometric titration**
(a) Crystal Violet (b) Murexide
(c) Eosin (d) Methyl Orange
7. **Papaverine is**
(a) Weak analeptic (b) Vasodilator
(c) Antineoplastic (d) Central Vasoconstrictor
8. **Drug administered through the following route is most likely to be subjected to first pass metabolism**
(a) Sublingual (b) Subcutaneous
(c) Oral (d) Rectal
9. **Which one of the following ingredients improves the flow property of granules**
(a) Glidant (b) Emollient
(c) Diluent (d) Surfactant
10. **Which of the molecule reduces the renal clearance of Methotrexate leading to Methotrexate toxicity**
(a) Proton pump inhibitor
(b) Salicylate
(c) Furosemide
(d) All of these
11. **Schick test is performed to ascertain susceptibility to**
(a) Tetanus (b) Syphilis
(c) Mumps (d) Diphtheria
12. **Hyperkalemia is seen with the ingestion of following drugs EXCEPT**
(a) ACE inhibitors
(b) Spironolactone
(c) Calcium channel blockers
(d) Eplerenone
13. **Gas chromatography technique can be used for**
(a) Qualitative analysis only
(b) Quantitative analysis only
(c) Both (a) and (b)
(d) None of these
14. **Drug used in Leprosy is**
(a) Physostigmine (b) Dapsone
(c) Biperiden (d) Selegiline
15. **The tear secretion contains an antibacterial enzyme known as**
(a) Zymase (b) Diastase
(c) Lysozyme (d) Lipase
16. **Which one of the following device is used to increase the efficiency of drug delivery via aerosols**
(a) Tube spacers (b) Metered valve
(c) Actuator (d) Pressure valve
17. **Select the equation that gives the rate of drug dissolution from a tablet**
(a) Fick's law
(b) Henderson-Hasselbalch equation
(c) Noyes-Whitney equation
(d) Michaelis-Menten equation



HIMACHAL PRADESH DRUG INSPECTOR-2021

SCAN ME

To Join FREE
Online Test

- The particle size of colloidal dispersion is
 - 1 nm to 0.5 μm
 - Less than 1 nm
 - Greater than 0.5 μm
 - None of these
- Identify the complex which belongs to the category of inclusion type
 - Clathrates
 - Chelates
 - Sandwich compounds
 - Pi complexes
- In the Gram staining iodine is used
 - To stain Gram positive bacteria
 - To stain gram negative bacteria
 - As mordant
 - None of these
- Identify the D value of *B. pumilus* under irradiation sterilization protocol
 - 3 kGy
 - 15 min
 - 5 min
 - 12 kGy
- The minute molecules that elicit an immune response only when attached to a large carrier such as a protein are known as
 - Proimmune
 - Hapten
 - Antigen
 - All of these
- List of drugs exempted from the provision of import of drugs is described in
 - Schedule E
 - Schedule D
 - Schedule A
 - Schedule J
- Identify the Chairman of Central Insecticides Board (Established Under Section 4 of the Insecticides Act, 1968)
 - Director General of Health Services
 - Director General, Indian Council of Agricultural Research
 - Plant Protection Adviser to the Government of India
 - Director, National Institute of Communicable Diseases
- A rule for evaluating the dosage of medicine for a child by adding 12 to the child's age, and dividing the sum by the age of the child, then dividing the adult dose by the result obtained is known as
 - Nomogram Method
 - Young's rule
 - Fried's Rule
 - Clark's rule
- Identify the incompatibility present in the following prescription
 R_x
 Benzalkonium chloride
 Sodium lauryl sulfate
 - Physical incompatibility
 - Chemical incompatibility
 - Pharmacodynamic incompatibility
 - Pharmacokinetic incompatibility
- Identify the instrument used for moist heat sterilization
 - Hot air oven
 - Glass bead sterilizer
 - Autoclave
 - All of these
- The study in real conditions and on large populations, of use, effectiveness and risk of drugs is known as
 - Pharmacoeconomics
 - Pharmacoepidemiology
 - Pharmacovigilance
 - Both (b) and (c)
- Which one of the size reduction apparatus works based on the principle of impact and attrition
 - Ball Mill
 - Roller Mill
 - Hammer Mill
 - All of these
- Identify the industrial filter
 - Filter press
 - Rotary filter
 - Edge filter
 - All of these
- Identify the capsule of smallest size
 - 5
 - 1
 - 3
 - 000



- I. It was declined to 30.5%
II. It was declined to 35.5%
III. It was declined to 26.5%
(a) (I) and (II) (b) (III) only
(c) (III) and (I) (d) (I) only
90. Which of the following is true about the D.P. Sood Commission
- I. It was set up to look into the benami land deals from 2003 to 2011 in Himachal Pradesh
II. It was set up to look into the benami land deals from 2003 to 2008 in Himachal Pradesh
III. It was set up to look into the benami land deals from 2005 to 2010 in Himachal Pradesh
(a) (III) only (b) (II) and (III)
(c) (I) only (d) (II) and (I)
91. In which State of India, Gypsum is produced largely
- (a) Rajasthan (b) Andhra Pradesh
(c) Tamil Nadu (d) Odisha
92. Which of the following is true about the Indian Economy
- I. It became the fourth largest economy by overtaking United Kingdom and Italy
II. It became the fifth largest economy by overtaking France and United Kingdom
III. It became the sixth largest economy by overtaking France and Italy
IV. It became the third largest economy by overtaking Germany and Brazil
(a) (II) and (IV) (b) (I) only
(c) (II) only (d) (I) and (III)
93. Given of the following, which is true about the proposed location of three capitals of Andhra Pradesh
- (a) Amaravati, Trichy and Guntur
(b) Amaravati, Vishakhapatnam and Guntur
(c) Amaravati, Kurnool and Vishakhapatnam
(d) Vishakhapatnam, Sikandrabad and Kurnool
94. The Agha Khan Cup is associated with
- (a) Hockey (b) Badminton
(c) Football (d) Table-Tennis
95. Find out the correct match of the following Associations with their founders
- Associations**
(I) Atmiya Samaj
(II) Prarthana Samaj
(III) Servants of India Society
(IV) Young Bengal Movement
- Founders**
(A) Gopal Krishna Gokhale
(B) Ram Mohan Roy
(C) Atmaram Pandurang
(D) Henry Vivian Derozio
(a) (I) - (B), (II) - (C), (III) - (A), (IV) - (D)
(b) (I) - (C), (II) - (A), (III) - (B), (IV) - (D)
(c) (I) - (D), (II) - (B), (III) - (C), (IV) - (A)
(d) (I) - (A), (II) - (C), (III) - (D), (IV) - (B)
96. The Head-quarters of the ASEAN (Association of South-East Asian Nations) is located in
- (a) Manila (b) Kuala Lumpur
(c) Jakarta (d) Bangkok
97. Which of the following is true about the Electoral College of the USA formed for the Presidential election
- I. Each of its 50 States only is given a number of Electoral College votes
II. Each of its 50 States plus Washington D.C., is given a number of electoral college votes
III. The total number of electoral college votes is 540
IV. A candidate must get 270 electoral votes to win (50 p.c. plus one only)
(a) (III) and (II) (b) (II) and (IV)
(c) (IV) and (I) (d) (I) and (III)
98. Which of the following State became the latest member of the International Monetary Fund in 2020
- (a) Malta (b) Monaco
(c) Vatican City (d) Andorra
99. The Chinese Medical Practitioner, who first sounded the alarm on the Wuhan Coronavirus
- (a) Dr. Mei-Fangtse (b) Dr. Chan-Tse
(c) Dr. Li-Wenliang (d) Dr. Si-Wang-tsu

GUJARAT DRUG INSPECTOR-2021

SCAN ME

To Join **FREE**
Online Test

1. Which of the following is not the fundamental dimension of matter
(a) Length (b) Mass
(c) Time (d) Area
2. The disadvantage of Sieving method used for size distribution analysis of powder is
(a) Agglomerates can be identified
(b) Attrition of powder is possible
(c) Large number of sieves are required
(d) Tedious and time consuming
3. Hausner ratio is
(a) Tapped density/Bulk density
(b) Bulk density/Tapped density
(c) Bulk volume/Void volume
(d) Void volume/Bulk volume
4. The term micromeritics was given by
(a) J.M. Dalla Valle
(b) James Kelvin
(c) William Procter
(d) Mahadeva Lal Schroff
5. The distance between two tangents on opposite side of the particle parallel to some fixed direction is called
(a) Stoke's diameter (b) Martin diameter
(c) Projected diameter (d) Ferets diameter
6. The cleaning action of soaps and detergents is due to
(a) Internal friction
(b) High hydrogen bonding
(c) Surface tension
(d) Viscosity
7. Brookfield viscometer is an example of type of viscometer
(a) Cone and plate (b) Extrusion
(c) Rotation sphere (d) Rotating spindle
8. Separation of concentrated emulsion from the emulsion is termed as
(a) Breaking (b) Creaming
(c) Coalescence (d) Caking
9. Andreasen apparatus is used for the determination of particle size of a powder using
(a) Sedimentation method
(b) Elutriation method
(c) Sieving method
(d) Coulter current technique
10. Surfactants with HLB value 6 and above are
(a) Detergents
(b) Solubilizing agents
(c) Anti-foaming agents
(d) Wetting agents
11. Vanishing cream is an example of
(a) o/w (b) w/o
(c) w/o/w (d) Microemulsion
12. Which of the following statement(s) is/are correct regarding suppository bases
(a) Maintain shape
(b) Help in insertion into the body cavity
(c) Theobroma oil is an example of base
(d) All of these
13. Which is NOT direct compressible diluents used for tablet manufacturing
(a) Sta Rx 500 (b) Emdex
(c) Celutab (d) Mannitol
14. Which of the following is used to fill powdered dry solid into soft gelatin capsule
(a) Accogel (b) Rotobil
(c) Rotosort (d) Rotoweigh
15. Flash point test is performed for
(a) Parenteral (b) Capsule
(c) Aerosol (d) Sustained release
16. Dose dumping is a problem with the formulation of
(a) Compressed tablets
(b) Suppository
(c) Soft gelatin capsules
(d) Controlled release drug products



GOA DRUG
INSPECTOR-2020

SCAN ME

To Join FREE
Online Test

1. **Punishment for illegal possession in small quantity for personal consumption of cocaine, morphine, diacetyl-morphine or any other narcotic drug or any psychotropic substance as may be specified in this behalf by the Central Government, by notification in the Official Gazette is**
 - (a) Imprisonment for a term which may extend to one year or with fine or with both
 - (b) Imprisonment for a term which may extend to three years or with fine or with both
 - (c) Rigorous imprisonment for a term which shall not be less than ten years but which may extend to twenty years and shall also be liable to fine which shall not be less than one lakh rupees but which may extend to two lakh rupees
 - (d) Rigorous imprisonment for a term, which may extend to ten years and shall also be liable to fine, which may extend to one lakh rupees
2. **Retail price of a formulation can be calculated using the formula**
 - (a) $R.P = (M.C. - C.C. + P.M. + P.C.) \times (1 + MAPE/100) + E.D.$
 - (b) $R.P = (M.C. + C.C. - P.M. + P.C.) \times (1 + MAPE/100) + E.D.$
 - (c) $R.P = (M.C. + C.C. + P.M. - P.C.) \times (1 + MAPE/100) + E.D.$
 - (d) $R.P = (M.C. + C.C. + P.M. + P.C.) \times (1 + MAPE/100) + E.D.$
3. **As per Drugs and Cosmetics Act Prescription Drugs are included in**
 - (a) Schedule C
 - (b) Schedule H
 - (c) Schedule P
 - (d) Schedule X
4. **Schedule W to the Drug Rules refers to**
 - (a) List of prescription drugs
 - (b) List of drugs which are to be marketed under generic names only
 - (c) List of drugs exempted from import of drugs
 - (d) Standards for patent or proprietary medicines
5. **The list of narcotic drugs and psychotropic substances that are prohibited from import into and export from India is found in**
 - (a) Schedule I
 - (b) Schedule II
 - (c) Schedule III
 - (d) Schedule IV
6. **Form 2, under Schedule A refers to**
 - (a) Memorandum to the Central Drugs Laboratory
 - (b) Application for license to import drugs specified in Schedule X to the drugs and Cosmetics Rules 1945
 - (c) Form of undertaking to accompany an application for an import license
 - (d) Certificate of test or analysis by the Central Drugs Laboratory
7. **Schedule L1 refers to**
 - (a) Good manufacturing practices
 - (b) Good laboratory practices
 - (c) GMP-Homeo medicines
 - (d) Factory medical devices
8. **Cultivation of poppy seeds is taken only in the areas notified by the Central government in three states of**
 - (a) Rajasthan, Gujarat and Uttar Pradesh
 - (b) Rajasthan, Madhya Pradesh and Uttar Pradesh
 - (c) Rajasthan, Himachal Pradesh and Uttar Pradesh
 - (d) Rajasthan, West Bengal and Uttar Pradesh
9. **As per DPCO 2013, MRP of a scheduled formulation is "Ceiling price + Local Taxes applicable" whereas the MRP for a new drug will be**
 - (a) Retail price fixed by Manufacturer + Local Taxes applicable
 - (b) Retail price fixed by Govt + Local Taxes applicable
 - (c) Retail price fixed by Distributor + Local Taxes applicable
 - (d) Retail price fixed by Retailer + Local Taxes applicable



25. In a chromatogram, the equation $(V_r - V_o)/V_o$ is used to express
 (a) Capacity factor (b) Resolution factor
 (c) Symmetry factor (d) Plate factor
26. Indian Pharmacopoeia specifies that the water for injection shall have endotoxin levels of not more than
 (a) 0.15 EU/ml (b) 0.20 EU/ml
 (c) 0.25 EU/ml (d) 0.30 EU/ml
27. Bioavailability of a drug from various dosage forms decreases in the following order
 (a) Tablet > capsules > solutions > emulsions > suspensions
 (b) Tablet > capsules > emulsions > suspensions > solutions
 (c) Tablets > solutions > emulsions > suspensions > capsules
 (d) Solutions > emulsions > suspensions > capsules > tablets
28. Which of the following routes of administration is NOT parenteral
 (a) SQ (b) SL (c) IC (d) IV
29. Other than tablet hardness, which method is used to measure the tablet strength
 (a) Thickness
 (b) Weight variation
 (c) Friability
 (d) Organoleptic properties
30. Diclofenac tablet coated with cellulose acetate phthalate administered to a patient will release the drug in
 (a) Stomach (b) Oral cavity
 (c) Small intestine (d) Liver
31. Saurology is the study of
 (a) Mosquitoes (b) Snake
 (c) Lizards (d) Cockroach
32. Which of the following river does NOT flow into the Arabian Sea
 (a) Tungabhadra (b) Sabarmati
 (c) Mandovi (d) Narmada
33. Garo Hills is a part of which among the following states of India
 (a) Nagaland (b) Meghalaya
 (c) Manipur (d) Mizoram
34. The Sangai Festival is celebrated in
 (a) Assam (b) Manipur
 (c) Mizoram (d) Nagaland
35. Human Rights Day is celebrated on which of the following day
 (a) 5th December (b) 6th December
 (c) 12th December (d) 10th December
36. Who secured second rank in the recent, ICC women's cricket ratings
 (a) Mithali Raj (b) Radha Yadav
 (c) Smriti Mandhana (d) Harmanpreet Kaur
37. India's first maritime museum is to be established at which of the following sites
 (a) Navinal (b) Amri
 (c) Lothal (d) Bet Dwarka
38. The National Chemical Laboratory is situated in
 (a) Delhi (b) Mumbai
 (c) Pune (d) Hyderabad
39. Who from the following won the Nobel Prize for Economic Sciences in 2017
 (a) Michael Rosbash (b) Jefferey Hall
 (c) Richard Thaler (d) Barry Barish
40. Which of the following countries was recently declared as Polio free by WHO
 (a) Nigeria (b) Somalia
 (c) Pakistan (d) Afghanistan
41. A clock loses 5 minutes every hour and was set right at 11AM on a Monday. When will it show the correct time again
 (a) 11 AM on Sunday (b) 11 AM on Monday
 (c) 11 AM on Tuesday (d) 11 AM on Wednesday
42. Find out missing figure (?) of the problem from the given answer figures
- | | | | |
|---|---|---|---|
| | | | |
| 1 | 2 | 3 | 4 |
- | | | | |
|---|---|---|---|
| | | | |
| 1 | 2 | 3 | 4 |
- (a) 1 (b) 2 (c) 3 (d) 4
43. Introducing a girl, a boy said, "She is the daughter of the mother of the daughter of my aunt". How is the girl related to the boy
 (a) Cousin (b) Niece
 (c) Daughter (d) Aunt

HARYANA DRUG INSPECTOR-2019

SCAN ME

To Join FREE
Online Test

1. Which one of the following families is known for presence of volatile oils in trichomes
(a) Lauraceae (b) Loganiaceae
(c) Labiatae (d) Leguminosae
2. Listed below are the chemical tests used to identify a group of phytoconstituents. Identify the test for the detection of the purine alkaloids
(a) Keller-Kiliani Test (b) Murexide Test
(c) Shinoda Test (d) Vitali-Morin Test
3. Atropine biosynthesis involves a pair of precursors. Identify the correct pair
(a) Ornithine and phenylalanine
(b) Tyrosine and Tryptophan
(c) Tryptophan and Dopamine
(d) Tyrosine and Dopamine
4. What is Chemotaxis
(a) Toxicity of chemicals
(b) Taxonomy of chemicals
(c) Inhibition of inflammation
(d) Movement of leukocytes in inflammation
5. Which one of the following antihistaminic agents causes serious cardiac dysrhythmias
(a) Fexofenadine (b) Terfenadine
(c) Cetirizine (d) Loratadine
6. Which one of the following is an oral anticoagulant
(a) Heparin (b) Warfarin
(c) Lepirudin (d) Melagatran
7. Following is an example of the long acting bronchodilator
(a) Salmeterol (b) Salbutamol
(c) Sotalol (d) Montelukast
8. Following is an example of anti-emetic drug acting on 5-HT₃ receptors
(a) Nabilone (b) Ondansetron
(c) Metoclopramide (d) Domperidone
9. The combination of Mifepristone and Gemeprost is used for
(a) Endometriosis
(b) Endometrial carcinoma
(c) Medical termination of pregnancy
(d) Breast carcinoma
10. Rifampicin an anti-mycobacterial agent acts on
(a) DNA dependent DNA polymerase
(b) RNA dependent DNA polymerase
(c) DNA dependent RNA polymerase
(d) RNA dependent RNA polymerase
11. An anti-schizophrenic agent having no extra-pyramidal side effects is
(a) Haloperidol (b) Olanzapine
(c) Thioxanthenes (d) Pimozide
12. Which one of the following types of the glass containers should be used for packaging of human blood and blood components
(a) Type I (b) Type II
(c) Type III (d) Type IV
13. Which one of the followings is the commonly used bulking agent in the formulation of freeze dried low dose drug products
(a) Sodium chloride (b) Mannitol
(c) Gelatin (d) HPMC
14. The administration of Enteric coated products in elderly patients in some cases is not recommended because
(a) Decrease in gastric secretion has been noted in elderly patients
(b) Intestinal blood flow is reduced in elderly patients
(c) Active absorption is reduced in elderly patients
(d) Gastric emptying rate is increased in elderly patients
15. Which one of the following properties is desirable in liquid formulations
(a) Thixotropy (b) Dilatancy
(c) Syneresis (d) Tackiness



59. Atracurium, a neuromuscular blocking agent is metabolized through
- Hofmann elimination
 - Hofmann rearrangement
 - Curtius reaction
 - Claisen Schmidt reaction
60. Milk is deficient in which vitamin
- Vitamin C
 - Vitamin A
 - Vitamin B₂
 - Vitamin K
61. Oxidation of which substance in the body yields the highest amount of calories
- Glucose
 - Glycogen
 - Proteins
 - Lipids
62. Which of the following ions is required for crystallization and storage of the hormone insulin
- Mn
 - Mg
 - Zn
 - Ca
63. Which of the following is amino acid derived antibiotic
- Azithromycin
 - Streptomycin
 - Penicillin G
 - Tetracycline
64. One of the following antihypertensive has a similar structure as that of diuretic agent Chlorothiazide
- Telmisartan
 - Diazoxide
 - Guanethidine
 - Minoxidil
65. Choose the most basic heterocyclic compound among the following
- Pyrrole
 - Pyrrolidine
 - Furan
 - Thiophene
66. Among the following sugars which one is non-reducing sugar and does NOT exhibit mutarotation
- Glucose
 - Lactose
 - Maltose
 - Sucrose
67. Diastereomers possess different physical properties because
- They are mirror images of each other
 - They are conformationally dissimilar isomers
 - They are configurationally similar isomers
 - They are configurationally different isomers
68. Some enzymes bind to a non-protein organic molecule for activation. Such a moiety is known as
- Apoenzyme
 - Cofactor
 - Coenzyme
 - Holoenzyme
69. Which of the following substances when

present in urine is most likely a positive sign of pregnancy

- Thyroid-stimulating hormone
- Corticotropin
- Human chorionic gonadotropin
- Interstitial cell-stimulating hormone

70. What is the primary mechanism of action of local anesthetics

- Activation of ligand-gated potassium channels
- Blockade of voltage-gated sodium channels
- Stimulation of voltage-gated N-type calcium channels
- Blockade of the GABA-gated chloride channels

71. If increased serum levels of which of the following may be associated with decreased risk of atherosclerosis

- VLDL
- LDL
- HDL
- Cholesterol

72. Drugs that can precipitate bronchial asthma are

- [P] Indomethacin [Q] Codeine phosphate
[R] Rabeprazole [S] Theophylline

Choose the correct option

- P and R are correct
- P and Q are correct
- R and S are correct
- S and Q are correct

73. Corticosteroids are administered to treat

- [P] Peptic ulcers
[Q] Bronchial asthma
[R] Nephrotic syndrome
[S] Myasthenia gravis

Select the correct combination of statements

- P, Q and S are true while R is false
- P, R and S are true while Q is false
- Q, R and S are true while P is false
- P, Q and R are true while S is false

74. All of the given four drugs are neuromuscular blocking agents. Choose the correct statement about them

- [P] Gallamine [Q] Succinylcholine
[R] Decamethonium [S] d-Tubocurarine

- P and Q are competitive neuromuscular blocking agents
- Q and R are competitive neuromuscular blocking agents
- R and S are competitive neuromuscular blocking agents
- P and S are competitive neuromuscular blocking agents



TAMIL NADU DRUG INSPECTOR-2019

SCAN ME

To Join FREE
Online Test

1. **Uses of 'Fuses' with less capacity prevents**
(a) Mechanical hazard (b) Chemical hazard
(c) Electrical hazard (d) Dust hazard
2. **The following tests are usually performed for rubber closure EXCEPT**
(a) Test for penetrability (b) Extractive test
(c) Fragmentation test (d) Dissolution test
3. **Flow property of a drug can be determined by measurement of**
(a) Its angle of repose
(b) Its partition coefficient
(c) Its solubility
(d) Its dissociation constant
4. **The Henderson Hasselbach equation is useful determination of**
(a) pKa of a drug (dissociation constant of a drug)
(b) Melting point of a drug
(c) Boiling point of a drug
(d) Amount of drug in a dosage form
5. **Pre-formulation studies involve**
(a) Development of suitable dosage form for a drug
(b) Determination of pharmacological action of a drug
(c) Determination of molecular structure of a drug
(d) Determination of adverse drug reaction
6. **The sweetening agent commonly used in chewable tablet is**
(a) Sucrose (b) Honey
(c) Mannitol (d) Saccharine
7. **The maximum absorption is shifted to longer wavelengths, is**
(a) Bathochromic shift (b) Hyperchromic shift
(c) Hypsochromic shift (d) Hypochromic shift
8. **In India GMP guidelines for manufacture of sterile products is given in**
(a) Schedule M of Drugs and Cosmetics act 1940
(b) Schedule M I of Drugs and Cosmetics act 1940
(c) Schedule M II of Drugs and Cosmetics act 1940
(d) Schedule M III of Drugs and Cosmetics act 1940
9. **The following test are used for evaluation of parenteral EXCEPT**
(a) Sterility test (b) Friability test
(c) Pyrogen test (d) Clarity test
10. **As per I.P. all blood products should pass**
(a) The test for sterility (b) Legal test
(c) Benedict's test (d) Molisch test
11. **Choose the correct statement**
(a) Plasma substitutes should have viscosity similar to that of plasma
(b) Plasma substitutes should be immunogenic
(c) Plasma substitutes must be colourless
(d) Plasma substitutes must be retained by the human body
12. **Which of the following influences the drug distribution in the body**
(a) Protein binding capacity of the drug
(b) Weight of the individual
(c) First pass metabolism of the drug
(d) "Solubility" of the drug
13. **Which of the following parameter are evaluated by comparing curves of serum concentration versus time**
(a) Peak concentration, biological half-life and elimination rate constant
(b) Biological half-life, t_{max} and absorption rate constant
(c) Peak concentration, t_{max} the curve and total area under
(d) Adsorption rate constant, area under the curve and elimination rate constant
14. **The time period for which the plasma concentration of drug remains above minimum therapeutic level is known as**
(a) Duration of action (b) Intensity action
(c) Maximum action time (d) Termination of action



200. Mercury poisoning can be treated with

- (a) Desferrioxamine (b) Trientine
(c) Deferiprone (d) Dimercaprol

NON-PHARMA QUESTIONS

1. In a single throw of a die, the probability of getting a multiple of 3 is

- (a) $1/2$ (b) $1/3$
(c) $1/6$ (d) $2/3$

2. The product of two consecutive numbers is 4032. Find the numbers

- (a) 61,62 (b) 63,64
(c) 64,65 (d) 62,63

3. Two equal sums of money were lent at simple interest at 11% p.a. for $3\frac{1}{2}$ years and $4\frac{1}{2}$ years respectively. If the difference in interests for two periods was 412,50 then each sum is

- (a) 3,250 (b) 3,500
(c) 3,750 (d) 4,250

4. Calculate the mode of the following data

Size of shows	4 5 6 7 8 9 10
No. of papers	15 17 13 21 18 16 11

- (a) 9 (b) 8
(c) 7 (d) 5

5. Find the approximate length of the longest pole that can be put in a room $10\text{ m} \times 8\text{ m} \times 5\text{ m}$

- (a) 15.25 m (b) 13.75 m
(c) 14.35 m (d) 12.55 m

6. In a well shuffled pack of 52 cards, a card is drawn at random, find the probability of diamond or kind card

- (a) $4/13$ (b) $5/13$
(c) $6/13$ (d) $9/13$

7. January 1, 2009 was a Thursday. What day of the week lies on Jan 1, 2010

- (a) Thursday (b) Wednesday
(c) Friday (d) Saturday

8. A bag contains one rupee, 50-paise and 25 paise coins in the ratio 5 : 6 : 7. If the total amount is 390, find the number of coins of each kind

- (a) 200, 280, 240 (b) 240, 200, 280
(c) 200, 240, 280 (d) 280, 240, 200

9. If $a^2 + b^2 = 117$ and $ab = 54$, then find the value of $a + b/a - b$

- (a) 5 (b) $12/3$
(c) 7 (d) $11/3$

10. A man riding a bicycle, completes one lap of a circular field along its circumference at the speed of 14.4 km/h in 1 min 28 sec. What is the area of the field

- (a) 7958 sq. m. (b) 9856 sq. m.
(c) 8842 sq. m. (d) None of these

11. A speed of 54 km/hr is the same as

- (a) 13.5 m/sec. (b) 15 m/sec.
(c) 21 m/sec. (d) 27 m/sec.

12. A constable is 114 m behind a thief. The constable runs 21m and the thief 15m in a minute. In what time will the constable catch the thief

- (a) 16 min. (b) 18 min.
(c) 17 min. (d) 19 min.

13. Name the Indian representative, who attended the International socialist conference held in Germany in 1907

- (a) Anne Besant (b) Madam Cama
(c) Ajit Singh (d) Gopal Singh

14. Who established the Indian Home rule society in London in 1905

- (a) V.D. Savarkar
(b) Bhupendra Nath Datta
(c) Shyamji Krishna varma
(d) V.V.S. Aiyar

15. Vivekananda founded the Ramakrishna mission in _____

- (a) 1898 A.D. (b) 1897 A.D.
(c) 1858 A.D. (d) 1859 A.D.

16. The popular greeting word 'Jai Hind' was introduced by whom

- (a) Subash Chandra Bose
(b) Mahatma Gandhi
(c) Vivekananda
(d) Aurobindo Ghosh

17. Which one of the following rivers is shortest in length

- (a) Chambal (b) Damodar
(c) The son (d) Kaveri



UPSC DRUG
INSPECTOR-2019

SCAN ME

To Join FREE
Online Test

1. A non-volatile, highly lipid soluble drug is metabolized at a rate of 15% per hour. On intravenous injection, it produces general anaesthesia for 10 minutes. Which process is responsible for termination of its action
 - (a) Metabolism in liver
 - (b) Excretion by kidney
 - (c) Plasma Protein Binding
 - (d) Redistribution
2. Aspirin overdose is characterized by
 - (a) Hyperthermia, metabolic acidosis and coma
 - (b) Fever, hepatic dysfunction and encephalopathy
 - (c) Rash, interstitial nephritis and acute renal failure
 - (d) Rapid, fulminant hepatic failure
3. A 40-year-old patient complains of severe pain along left side of jaw and face. The best choice for this neuralgic pain is
 - (a) Methadone
 - (b) Tramadol
 - (c) Lorazepam
 - (d) Carbamazepine
4. The first Phenothiazine derivative introduced into the therapy of psychotic disorders was
 - (a) Promazine
 - (b) Chlorpromazine
 - (c) Trifluorpromazine
 - (d) Thioridazine
5. Which one of the following is NOT a rapid acting insulin
 - (a) Insulin lispro
 - (b) Insulin aspart
 - (c) Insulin glulisine
 - (d) Insulin glargine
6. Which one of the cardiac aglycones contains an aldehydic group in its structure
 - (a) Scillaren A
 - (b) Digitoxigenin
 - (c) Digoxigenin
 - (d) Strophanthidin
7. Which one of the following is the only life saving measure in case of anaphylactic shock
 - (a) Intravenous Hydrocortisone
 - (b) Intravenous Adrenaline
 - (c) Intravenous Chlorpheniramine maleate
 - (d) Intravenous Glucose-saline
8. Which one of the following drugs used in the treatment of diabetes does NOT contain heterocyclic nucleus
 - (a) Glyburide
 - (b) Glimepiride
 - (c) Repaglinide
 - (d) Glipizide
9. An amino acid which gives a yellow precipitate in the Xanthoproteic reaction is
 - (a) Glycine
 - (b) Alanine
 - (c) Tyrosine
 - (d) Leucine
10. Which one of the following drugs causes physiological dependence only
 - (a) Cocaine
 - (b) Morphine
 - (c) Alcohol
 - (d) Nalorphine
11. Which one of the following non-depolarizing blockers can be used as alternative to Succinylcholine for tracheal intubation without the disadvantage of depolarizing block and cardiovascular changes
 - (a) Doxacurium
 - (b) Atracurium
 - (c) Rocuronium
 - (d) Pancuronium
12. Homatropine is a
 - (a) Tropine ester of mandelic acid
 - (b) Tropine ester of amino acetic acid
 - (c) Tropine ester of amino formic acid
 - (d) Tropine methyl bromide ester of Mandelic acid
13. Consider the following statements regarding Glycyrrhizin
 1. It is a bioactive constituent of *Glycyrrhiza glabra*
 2. It interacts with CYP3A12
 3. It has a higher interaction potential with CYP2D6 compared with CYP3A4
 4. It causes sweetness of Liquorice
 Which of the statement given above is/are correct
 - (a) 1, 2 and 3
 - (b) 1, 3 and 4
 - (c) 1, 2 and 4
 - (d) 2, 3 and 4



65. The only immunoglobulin that crosses the transplacental barrier and provides maternal protection is

- (a) IgM (b) IgG
(c) IgD (d) IgA

66. The term 'False transmitter' is related to which one of the following drugs

- (a) Hydralazine
(b) Methyldopa
(c) Sodium nitroprusside
(d) Minoxidil

67. Polio virus belongs to which one of the following

- (a) Retro virus (b) DNA virus
(c) RNA virus (d) Elongated virus

68. BCG (Bacillus Calmette-Guerin) vaccine is

1. live vaccine bearing an attenuated bovine strain of *Mycobacterium tuberculosis*
2. Used to enhance immunity non-specifically
3. Contraindicated in tuberculin positive individuals

Which of the statements given above are correct

- (a) 1 and 2 only (b) 2 and 3 only
(c) 1, 2 and 3 (d) 1 and 3 only

69. Deficiency of GABA causes which one of the following

- (a) Mental depression (b) Parkinsonism
(c) Epilepsy (d) ADHD

70. Which one of the following statements in respect of the mechanism of action of Metronidazole is correct

- (a) It damages the RNA
(b) It damages the DNA
(c) It inhibits the cell wall synthesis
(d) It inhibits the protein synthesis

71. Enteric coating of tablets can be made by using which one of the following compounds

- (a) Povidine
(b) Hydroxy propyl methyl cellulose
(c) Cellulose acetate phthalate
(d) Carboxy methyl cellulose

72. Which one of the following Schedules of Drugs and Cosmetics Rules, 1945 gives the requirements of factory premises, plant, and equipment etc. for manufacture of medical devices

- (a) Schedule - M (b) Schedule - M (I)
(c) Schedule - M (II) (d) Schedule - M (III)

73. Which one of the following activities is NOT true in the case of "Current Good Manufacturing Practice"

- (a) Maintenance of complaint files
(b) Study of stability of finished drug products
(c) Non-requirement of equipment for the processing activity
(d) Testing of product containers

74. Which one of the following statements is correct for Karl Fisher test

- (a) It is performed to detect the quality of a capsule
(b) It is performed with iodine and Sulphur dioxide in pyridine and methanol
(c) It is performed with sodium thiosulphate and iodine in methanol
(d) It is performed with NaOH and iodine in pyridine and ethanol

75. Assay of Aspirin IP is based on which one of the following methods of titration

- (a) Acid base (b) Redox
(c) Complexometric (d) Potentiometric

76. Which one of the following is a universal detector in HPLC

- (a) PDA (b) UV
(c) ELSD (d) RI

77. Quantitative TLC can better be performed by which one of the following

- (a) HPLC (b) HPTLC
(c) VLC (d) GC

78. What are the chemicals involved in Liebermann Burchard's test

- (a) Acetic acid and conc. H_2SO_4
(b) Acetic anhydride and conc. H_2SO_4
(c) Acetic anhydride and conc. HCl
(d) Acetic acid and conc. HCl

79. What should be the density of an object with a volume of 15 ml and a mass of 42 grams

- (a) 0.552 g/ml (b) 650 g/ml
(c) 2.80 g/ml (d) 0.820 g/ml

80. The FDA requires that all clinical trial records be maintained and accessible at the trial sites for a minimum of

- (a) 1 year (b) 2 years
(c) 3 years (d) 4 years



MEGHALAYA DRUG
INSPECTOR-2019

SCAN ME

To Join FREE
Online Test

1. In Utilization of finance, the Fixed Capital in invested on which of the following
 - (a) Purchase of raw Material
 - (b) Wages and Rent
 - (c) Plant and Machinery
 - (d) Taxes and Internet
2. Blood group antigen belong to which of the following classes of protein
 - (a) Chromoproteins
 - (b) Lipoprotein
 - (c) Glycoprotein
 - (d) Nucleoprotein
3. Which of the following enzymes is markedly increase in "Obstructive Livers Disease"
 - (a) Creatine kinase
 - (b) Alanine Amino transferase
 - (c) Alkaline phosphatase
 - (d) Aspartate Aminotransferase
4. Which of the following is primary site of action of local anaesthetic
 - (a) Mitochondria
 - (b) Cell Membrane
 - (c) Cytoplasm
 - (d) Nucleus
5. Which of the following in an example of aromatic amino acid
 - (a) Asparagine
 - (b) Threonine
 - (c) Glutamine
 - (d) Tyrosine
6. How many coccygeal vertebrae fuse to form coccyx bone
 - (a) 4
 - (b) 6
 - (c) 8
 - (d) 2
7. Conjunctival xerosis occur due to deficiency of which of the following vitamin
 - (a) Vitamin A
 - (b) Vitamin H
 - (c) Vitamin C
 - (d) Vitamin K
8. All statement below are true for Hepatitis H virus EXCEPT
 - (a) DNA virus
 - (b) Antibody to surface antigen usually appear within two weeks of infection
 - (c) The presence of antigen indicates increased infectivity
 - (d) A recognized cause of liver cancer
9. Spironolactone is a pro-drug and its main active metabolite is
 - (a) Desmethyl Spironolactone
 - (b) Acetyl Spironolactone
 - (c) Canrenone
 - (d) None of these
10. Acetylcholine and physostigmine are example of which type of drug interactions
 - (a) Synergism
 - (b) Addition
 - (c) Potentiation
 - (d) Antagonism
11. Beta agonist used in bronchial asthma exert action by
 - (a) Blocking receptor
 - (b) Synergism action
 - (c) Both (a) and (b)
 - (d) Stimulating receptor
12. Which hormone is released at all postganglionic sympathetic fiber
 - (a) Dopamine
 - (b) Isoprenaline
 - (c) Adrenaline
 - (d) Acetylcholine
13. Regulation of insulin secretion from beta cell is regulated by
 - (a) Chemical mechanism
 - (b) Hormonal mechanism
 - (c) Neural mechanism
 - (d) All to these
14. Parasympathomimetic drugs cause
 - (a) Bronchodilation
 - (b) Mydriasis
 - (c) Bradycardia
 - (d) Constipation
15. Chloroquine is used for treatment of malaria caused by
 - (a) *P. ovale*
 - (b) *P. vivax*
 - (c) *P. malaria*
 - (d) All of these



127. Who has been recently elected as the new President of South Africa

- (a) Julius Malema (b) Thabo Mbeki
(c) Mmusi Maimane (d) Cyril Ramaphosa

128. Who has recently become the "India's first woman" fighter pilot to qualify to undertake combat missions

- (a) Avani Chaturvedi (b) Mohana Singh
(c) Sunaina Rajput (d) Bhawana Kanth

129. Jokha Alharthi, who won the 2019 Man Booker International Prize, is from which country

- (a) Iran (b) Saudi Arabia
(c) U. A. E. (d) Oman

130. Which of the following countries has recently launched the permanent residency system "Golden Card"

- (a) U.A.E. (b) India
(c) Myanmar (d) Sri Lanka

131. Entomology is the science that studies

- (a) Behaviour of human beings
(b) Insects
(c) The formation of rocks
(d) None of these

132. Antonym of the word 'Innocuous' is

- (a) Innocent (b) Harmful
(c) Definite (d) Homeless

133. Meaning of the 'Idiom Fabian Policy' is

- (a) Dictatorial policy
(b) Democratic policy
(c) Systematic policy
(d) Policy of cautions persistence

134. 'करने की इच्छा' के लिए एक उपयुक्त शब्द है

- (a) जिज्ञासा (b) असीम
(c) चिकीर्षा (d) अनूदित

135 'कल न पड़ना' मुहावरे का अर्थ है

- (a) चैन न पड़ना
(b) सहायक का छिन जाना
(c) असर न होना
(d) मरने के करीब होना

136 'Abolition' का हिन्दी रूपान्तरण है

- (a) उन्मूलन (b) उपभाग
(c) अभिरक्षा (d) अनुदेश

137. As per Factories Act, 1948 Chapter-dealing

with working hours, of Adults, no adult worker shall be required or allowed to work in a factory for more than hour in a weak

- (a) 30 (b) 40
(c) 48 (d) 56

138. Names of drugs which shall be marketed under generic names only come under Schedule

- (a) W (b) X
(c) Y (d) U

139. Application for grant of a license to manufacture Ayurvedic, Siddha or Unani drugs requires

- (a) Form 24D (b) Form 24C
(c) Form 24E (d) Form 24F

140. Injection syringe and needle are covered under

- (a) Schedule A (b) Schedule B
(c) Schedule C (d) Schedule D

141. The Education Regulation is published in official gazette by

- (a) President, Pharmacy Council of India
(b) Ministry of Education
(c) Drug Controller of India
(d) Central Government

142. Gum Arabic is a/an

- (a) Cationic polysaccharide
(b) Neutral polysaccharide
(c) Anionic polysaccharide
(d) None of these

143. Which of the following is NOT used as a emulsifying agent

- (a) Surfactant
(b) Hydrophilic colloids
(c) Electrolytes
(d) Finely divided solids

144. Which of the following is a synthetic sweetener

- (a) Glucose (b) Sorbitol
(c) Aspartame (d) Sucrose

145. Benzalkonium chloride is categorized as

- (a) Acidic preservative
(b) Mercurial preservative
(c) Quaternary ammonium compounds
(d) Neutral preservative



RAJASTHAN DRUG INSPECTOR-2018

SCAN ME

To Join FREE
Online Test

- Nernst equation is generally practice in**
 - Complexometric titration
 - Potentiometry
 - Polarimetry
 - Non-aqueous titration
- Match the following term used for explanation**

P. Red shift
Q. Auxochrome
R. Chromophore
S. Blue shift

 - Carbonyl group**
 - Increase in wave length of absorption**
 - Amino group**
 - Decrease wavelength absorption**
 - P-2, Q-1, R-4, S-3
 - P-4, Q-2, R-3, S-1
 - P-3, Q-1, R-2, S-4
 - P-2, Q-3, R-1, S-4
- The molar absorptivity's for peak associated with exciton to the π - π state generally ranged from**
 - 1000 to 10000 $\text{L cm}^{-1} \text{mol}^{-1}$
 - 1000 to 500 $\text{L cm}^{-1} \text{mol}^{-1}$
 - 100 to 10 $\text{L cm}^{-1} \text{mol}^{-1}$
 - 200 to 400 $\text{L cm}^{-1} \text{mol}^{-1}$
- Which is the correct order of increasing wave number of the stretching vibrations of**

(1) C-H (alkane) (2) O-H (alcohol)
(3) C=O (ketone) (4) C $\equiv$ C (alkyne)

 - (4) < (3) < (1) < (2)
 - (4) < (3) < (2) < (1)
 - (3) < (4) < (2) < (1)
 - (3) < (4) < (1) < (2)
- Solochrome black indicator used in which type of titration**
 - Non aqueous titration
 - Acid base titration
 - Complexometric titration
 - Gravimetric analysis
- Aprotic solvents have**
 - Basic
 - Acidic
 - No acidic or basic
 - Both acidic and basic properties
- In Gas Chromatography, which detector is preferred when analysis of drugs contain halogens**
 - FID
 - TCD
 - ECD
 - PID
- The glass electrode used in pH measurement is**
 - A metal oxide electrode
 - Ion selective electrode
 - A membrane electrode
 - Plastic electrode
- In size exclusion chromatography of a mixture of molecules, which one will elute first**
 - The largest molecule
 - The smallest molecule
 - The most polar molecule
 - The most non polar molecule
- Iodine vapors for TLC are used to detect the**
 - Steroids
 - Carboxylic acids
 - Volatile compound
 - Unsaturated compound
- An example of strongly acidic cation exchange resin is**
 - Quarterly polymethacrylate
 - Phenol formaldehyde
 - Quarterly polystyrene
 - Sulphonated polystyrene
- Which method cannot useful for the bacterial endotoxin test**
 - Gel clot test method
 - Kinetic turbidimetric method
 - Titrimetric method
 - End point chromogenic method



ANDHRA PRADESH DRUG INSPECTOR-2018

SCAN ME

To Join FREE
Online Test

1. All of the following are psychotropic substance, EXCEPT
 - (a) Amobarbital
 - (b) Meprobamate
 - (c) Barbitol
 - (d) All of these
2. As per schedule P of Drugs and Cosmetics Act, the Diphtheria toxoid has expiry period of
 - (a) 6 months
 - (b) 12 months
 - (c) 2 years
 - (d) 5 years
3. Chloramphenicol comes under schedule
 - (a) G
 - (b) H
 - (c) W
 - (d) P
4. Example of Narcotic drug is
 - (a) Coca
 - (b) Opium
 - (c) Charas
 - (d) Doxapram
5. Ergot and its preparation belong to schedule
 - (a) P
 - (b) Q
 - (c) C1
 - (d) L
6. Schedule X drug is
 - (a) Amphetamine
 - (b) Cyclobarbitol
 - (c) Glutethimide
 - (d) All of these
7. Drug Inspector is appointed under section
 - (a) 19
 - (b) 42
 - (c) 21
 - (d) 30
8. Schedule M and Y were introduced in Drugs and Cosmetics Act in
 - (a) 1976
 - (b) 1982
 - (c) 1988
 - (d) 1980
9. Example of Schedule G drug is
 - (a) Tetracycline
 - (b) Ampicillin
 - (c) Ibuprofen
 - (d) Tolbutamide
10. Example of Schedule X drug is
 - (a) Diazepam
 - (b) Emetine
 - (c) Quinidine
 - (d) Ciprofloxacin
11. Opium has been under legislative control since
 - (a) 1820
 - (b) 1857
 - (c) 1925
 - (d) 1949
12. Standards for mechanical contraceptives are given in schedule
 - (a) S
 - (b) R
 - (c) Q
 - (d) T
13. The Drugs and Cosmetics Rules have been divided into ___ parts
 - (a) 15
 - (b) 16
 - (c) 18
 - (d) 24
14. The Central Drugs Laboratory is established in
 - (a) Calcutta
 - (b) Lucknow
 - (c) Mumbai
 - (d) Kasauli
15. The members of the D.T.A.B. hold the office for
 - (a) 1 year
 - (b) 3 years
 - (c) 5 years
 - (d) 7 years
16. The dose of a drug is 5 mg per kg body weight. How much of the drug is required for a boy of a year weighing 21 kg
 - (a) 0.5 mg
 - (b) 1 mg
 - (c) 5 mg
 - (d) 2 mg
17. Morphine is the drug of choice in
 - (a) Urinary tract infection
 - (b) Colic pain
 - (c) Bronchial asthma
 - (d) Cardiac asthma
18. Hypotensive effect of clonidine is due to its action on
 - (a) β -adrenergic receptor
 - (b) α -adrenergic receptor
 - (c) H_2 -receptor
 - (d) H_1 -receptor
19. Tetracyclines are avoided during pregnancy because
 - (a) It is teratogenic
 - (b) Affects bone growth
 - (c) Causes discoloration of teeth
 - (d) May cause abortion
20. Powerful cardiac stimulant is
 - (a) Digitoxin
 - (b) Dopamine
 - (c) Epinephrine
 - (d) Dobutamine



108. D-mannose is present in some plant products like

- (a) Resins (b) Pectin's
- (c) Mucilage (d) Gums

109. Galactose is a main constituent of

- (a) Milk sugar (b) Honey
- (c) Cane sugar (d) Chitin

110. Glycogen is present in all body tissues, EXCEPT

- (a) Liver (b) Brain
- (c) Kidney (d) Stomach

111. The following ions help in enzymatic transfer of phosphate from ATP to pyruvic acid

- (a) Sodium (b) Calcium
- (c) Magnesium (d) Potassium

112. During glycolysis of glucose the energy liberated in the absence of oxygen is known as

- (a) Oxygenesis
- (b) Gluconeogenesis
- (c) Glycogenolysis
- (d) Anaerobic fermentation

113. Treatment of pentoses with a concentrated mineral acid yields a cyclic aldehyde known as

- (a) Pentaldehyde (b) Cyclopental
- (c) Hexaldehyde (d) Furfural

114. Hypoglycemia depresses insulin secretion and thus increases the rate of

- (a) Hydrolysis
- (b) Reduction
- (c) Gluconeogenesis
- (d) Respiratory acidosis

115. Milk sugar is known as

- (a) Fructose (b) Glucose
- (c) Sucrose (d) Lactose

116. An essential agent for converting glucose to glycogen in liver is

- (a) Lactic acid (b) GTP
- (c) UTP (d) Pyruvic acid

117. Which of the following hormones is NOT involved in carbohydrate metabolism

- (a) ACTH (b) Glucagon
- (c) Vasopressin (d) Growth hormone

118. The distinguishing test between monosaccharides and disaccharides is

- (a) Bial's test (b) Seliwanoff's test
- (c) Barfoed's test (d) Hydrolysis test

119. The intermediate in hexose monophosphate shunt is

- (a) D-Ribulose (b) D-Ribose
- (c) D-Xylose (d) D-Lyxose

120. On boiling, Benedict's solution is NOT reduced by

- (a) Sucrose (b) Lactose
- (c) Maltose (d) Fructose

121. The sweetening agent commonly used in the chewable tablets is

- (a) Sucrose (b) Cyclamate sodium
- (c) Saccharin sodium (d) Mannitol

122. Water attack test is used to identify the alkalinity in

- (a) Type I Glass (b) Type II Glass
- (c) Type III Glass (d) All of these

123. A type of flow in which viscosity increases when the substance is agitated is

- (a) Plastic (b) Pseudoplastic
- (c) Dilatant (d) Thixotropic

124. The ingredients mentioned below are commonly used as the coating agents for film coating, EXCEPT

- (a) Cellulose acetate phthalate
- (b) Carnauba wax
- (c) Hydroxyethyl cellulose
- (d) Sodium CMC

125. The Pharmacy Council of India is constituted by

- (a) Central Government
- (b) State Government
- (c) Parliament
- (d) Legislative Assembly

126. Poorly manufactured tablets may have small pinholes on the surface. This phenomenon is called

- (a) Picking (b) Mottling
- (c) Leaching (d) Cracking

127. One thousand nanogram equals to one

- (a) Milligram (b) Microgram
- (c) Picogram (d) Gram

128. One of the following ingredients which improves the flow property of granules is

- (a) Glidant (b) Emollient
- (c) Lubricant (d) Surfactant



UPSC DRUG INSPECTOR-2018

SCAN ME

To Join FREE
Online Test

1. Consider the following statements regarding 'data structure'
 1. In Hash table, access time is independent of the size of the collection
 2. In Search tree, elements are accessible in their natural order

Which of the above statements is/are correct

(a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
2. Consider the following statements with reference to 'Open Market Operations' (OMO)
 1. OMO makes the bank rate policy more effective
 2. OMO can be used to bear out seasonal shocks
 3. OMO helps in stabilizing the prices of securities

Which of the above statements are correct

(a) 1 and 2 only (b) 1 and 3 only
(c) 2 and 3 only (d) 1, 2 and 3
3. Which of the following shells are found in the 'UNIX Operating System'
 1. Bourne shell
 2. C shell
 3. Korn shell
 4. Restricted shell

Select the correct answer using the codes given below

(a) 1, 2 and 3 only (b) 1, 2 and 4 only
(c) 1, 3 and 4 only (d) 1, 2, 3 and 4
4. A 'Router' combines the features of a
 - (a) Router and a Gateway
 - (b) Bridge and a Gateway
 - (c) Router and a Bridge
 - (d) Bridge and a Repeater
5. Which Microsoft TCP/IP (Transfer Control Protocol) / (Internet Protocol) can be used over the Internet to create a secure virtual network
 - (a) SLIP (Serial Line Internet Protocol)
 - (b) PPTP (Point-to-Point Tunneling Protocol)
 - (c) TCP (Transfer Control Protocol)
 - (d) HTTP (Hyper Text Transfer Protocol)
6. 'Mahila Udyog Nidhi' is a special scheme for promoting women entrepreneurship and operated through
 - (a) Reserve Bank of India and State Bank of India
 - (b) State Financial Corporations and Scheduled Commercial Banks
 - (c) State Ministry of Women and Child Welfare
 - (d) Central Ministry of Women and Child Welfare
7. Which one of the following is NOT covered under the rules framed by 'World Trade Organization' (WTO)
 - (a) General Agreement on Tariffs and Trade (GATT)
 - (b) General Agreement on Trade in Services (GATS)
 - (c) General International (GAIC) Agreement on Collaboration
 - (d) Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS)
8. 'Hutton Theory' explains the origin of 'Untouchability' due to
 - (a) People doing certain dirty professions are excluded from mixing with others
 - (b) Partly racial, partly religious and partly a matter of social customs
 - (c) Idea of Purity and Impurity
 - (d) People occupying dirty occupations are condemned, considered as dirty and untouchables

38. Consider the following statements regarding CAD

1. CAD increases the accuracy and productivity of designer
2. CAD improves the quality of drawings produced
3. In CAD, the transfer of drawings is cheaper
4. CAD requires more storage space

Which of the above statements are correct

- (a) 1, 2 and 4 only (b) 2, 3 and 4 only
(c) 1, 3 and 4 only (d) 1, 2 and 3 only

39. When the section plane is inclined to the axis and is parallel to one of the generators, the section is known as

- (a) Ellipse (b) Parabola
(c) Hyperbola (d) Epicycloid

40. A diagonal scale of $R_f = 1/250$ is constructed to read upto 1 km and to read meters on it. The length of the scale is

- (a) 8 cm (b) 40 cm
(c) 80 cm (d) 400 cm

41. In which one of the following stages of the process of quality improvement, the employees are convinced to focus the efforts and costs on producing very little non-conformities

- (a) Introduction stage (b) Consolidation stage
(c) Commitment stage (d) Maturity stage

42. A leader in TQM focuses on

1. Quest for excellence
2. Creating the right attitudes
3. Controls to make prevention of defects possible
4. Optimize customer satisfaction

Which of the above statements is correct

- (a) 1, 2 and 3 only (b) 1, 2 and 4 only
(c) 3 and 4 only (d) 1, 2, 3 and 4

43. Application of scientific principles and artistic skills is to improve which areas of the organization

1. Product supplies to an organization
2. Service supplies to an organization
3. All the processes within organization

Which of the above statements are correct

- (a) 1, 2 and 3 (b) 1 and 2 only
(c) 1 and 3 only (d) 2 and 3 only

44. A vendor goes through several levels of acceptance before being identified as a long term partner

1. Preferred vendors
2. Approved vendors
3. Certified vendors

What is the correct sequence of order of levels

- (a) 1, 2 and 3 (b) 2, 3 and 1
(c) 1, 3 and 2 (d) 2, 1 and 3

45. In which of the following categories the Total Customer Satisfaction (TCS) teams are awarded the points

1. Remedies
2. Brand extension
3. Analysis Techniques
4. Training

Select the correct answer using the codes given below

- (a) 1 and 4 only (b) 2 and 4 only
(c) 1 and 3 only (d) 2 and 3 only

46. Consider the following statements regarding Deming's principles of vendor selection

1. The gap between vendor and buyer must be closed to choose methods and material that improve customer satisfaction
2. In selecting a vendor, the procurement cost should be taken into account
3. A company buys not only vendors products but also its process

Which of the above statements are correct

- (a) 1 and 2 only (b) 1 and 3 only
(c) 2 and 3 only (d) 1, 2 and 3

47. Which of the following are the disadvantages to the organization moving to wards multiple-supplier items of

1. A price-dependent relationship develops in between buyer and vendor
2. There is increased variability in incoming quality even if individual vendor's processes are stabilizing
3. A long term relationship with a quality conscious vendor is developed
4. Vendors have no motivation to change their process to meet the buyer's specifications

Select the correct answer using the codes given below

- (a) 1, 2 and 4 only (b) 1, 2 and 3 only
(c) 1, 3 and 4 only (d) 1, 2, 3 and 4



UTTAR PRADESH
DRUG INSPECTOR-2018

SCAN ME

To Join FREE
Online Test

1. **Senna is**
 - (a) Irritant laxative (b) Osmotic laxative
 - (c) Bulk laxative (d) Emollient laxative
2. **Long term use of cimetidine may cause**
 - (a) Sexual dysfunction
 - (b) Renal failure
 - (c) Rebound acidity
 - (d) Parietal cell blockade
3. **Piperazine is used in the treatment of**
 - (a) Amoebiasis (b) Helminthiasis
 - (c) Giardiasis (d) Malaria
4. **The drug of choice for the treatment of filariasis is**
 - (a) Diethyl carbamazine
 - (b) Niclosamide
 - (c) Biloscanate
 - (d) None of these
5. **The prescription starts with the symbol R_x , means**
 - (a) Send (b) Prescribe
 - (c) Take thou (d) Prepare
6. **Which type of prescription should contain the age of the patient**
 - (a) Prescription for a child
 - (b) Prescription containing special formula
 - (c) Prescription containing patient medicament
 - (d) Prescription for elderly patient
7. **The plasma substitute, dextran is a homo polymer of glucose, which is produced by**
 - (a) Polymerization of glucose
 - (b) Chemical modification of starch
 - (c) Chemical modification of cellulose
 - (d) By growing the organism leuconostoc mesenteroides in sucrose containing medium
8. **Most acceptable absorbable hemostat is**
 - (a) Human fibrin foam
 - (b) Gelatin sponge
 - (c) Oxidized cellulose
 - (d) Calcium alginate
9. **Bacteria which can derive their nutritional requirements and energy from simple inorganic source are called**
 - (a) Autotrophic (b) Heterotrophic
 - (c) Parasite (d) Saprophyte
10. **Ziehl Neelsen's method is used to identify**
 - (a) Acid fast bacteria
 - (b) Gram positive bacteria
 - (c) Spores
 - (d) Flagella
11. **P wave of ECG is the result of**
 - (a) Atrial depolarization
 - (b) Atrial repolarization
 - (c) Ventricular depolarization
 - (d) Ventricular repolarization
12. **Incompatible blood transfusion can result in**
 - (a) Hypovolemic shock
 - (b) Anaphylactic shock
 - (c) Cardiogenic shock
 - (d) Obstructive shock
13. **Sucralfate is used in the treatment of**
 - (a) Vomit (b) Constipation
 - (c) Duodenal ulcer (d) Diarrhea
14. **Which property of chlorpromazine is responsible for its antipsychotic effect**
 - (a) Antidopaminergic
 - (b) Antimuscarinic
 - (c) Adrenoreceptor blocking
 - (d) Anti 5-HT property
15. **Which of the following is broad spectrum anthelmintic**
 - (a) Mebendazole (b) Piperazine
 - (c) Diethylcarbamazine (d) Chloroquine
16. **Cancer of epithelial tissue is called**
 - (a) Carcinoma (b) Sarcoma
 - (c) Leukemia (d) Hodgkin's disease



52. Number of schedules to Drugs and cosmetics act 1940 is

- (a) 12 (b) 2
- (c) 40 (d) 32

53. The dressing used for burn injury is

- (a) Rayon
- (b) Cellulose wadding
- (c) Capsicum cotton wool
- (d) Paraffin gauze dressing

54. In the case of sterilization by moist heat the microbes are killed by

- (a) Oxidation
- (b) Reduction
- (c) Decomposition
- (d) Coagulation of protein

55. Saturated steam is better heating agent than air for sterilization because it has

- (a) High latent heat
- (b) High pressure
- (c) High sensible heat
- (d) Low coefficient of expansion

56. Which schedule to Drugs and Cosmetics Rule provides the list of disease which a drug may not purport to prevent or cure or make claims to prevent or cure

- (a) Schedule C (b) Schedule J
- (c) Schedule M (d) Schedule Y

57. Every record, register, or other documents seized by Drug Inspector under clause ce or cca of Section 22 of drugs and cosmetics act 1940 shall be returned to the person within

- (a) 10 days (b) 20 days
- (c) 25 days (d) 30 days

58. Valuable test for confirmation that the steam has displaced all the air from a porous load in a high vacuum autoclave is

- (a) Bowie Dick Test (b) Klintex Paper Test
- (c) Browne's Tube Test (d) Hour Glass Test

59. The label of package containing the drugs coming under the purview of Narcotic Drugs and Psychotropic Substance act 1985 should

- (a) Have the symbol NR_x in Red in the left top corner
- (b) Have warning: "Poison"

(c) Have caution: it is dangerous to take the medicine except under supervision of Registered Medical Practitioner

(d) All of these

60. First step in glycolysis is

- (a) Conversion of glucose-6-phosphate to fructose-6-phosphate
- (b) Conversion of glucose to glucose-6-phosphate
- (c) Conversion of phosphoenolpyruvate to pyruvate
- (d) Fructose-6-phosphate to fructose 1, 6 diphosphates

61. Chemical incompatibility is caused due to any of the following EXCEPT

- (a) pH change
- (b) Double decomposition
- (c) Complex formation
- (d) Dissociation

62. What is the preferred pH to dispense a weakly acidic drug with pKa of 7.5 as solution

- (a) Less than 5 (b) Less than 3
- (c) 7.5 (d) Less than 2

63. Oxytetracycline is produced by

- (a) *Streptomyces rimous*
- (b) *Streptomyces grises*
- (c) *Streptomyces venezuela*
- (d) *Streptomyces garyphalous*

64. The precursor used in the manufacture of benzyl penicillin is

- (a) Phenyl acetic acid
- (b) 6-aminopenicillanic acid
- (c) Phenoxy acetic acid
- (d) 2,6-dimethoxyphenylacetic acid

65. Fainting is due to pooling of blood in lower extremities in the following

- (a) Collar syncope
- (b) Orthostatic syncope
- (c) Carotid sinus syncope
- (d) Vaso-vagal syncope

66. Lipase is NOT present in one of the following secretions

- (a) Saliva (b) Gastric juice
- (c) Pancreatic juice (d) Intestinal juice

67. Which of the following is the selective COX-2 inhibitor

- (a) Nimesulide (b) Mefenamic acid
- (c) Naproxen (d) Diclofenac



TAMIL NADU DRUG INSPECTOR-2018

SCAN ME

To Join FREE
Online Test

1. The first order kinetics time required to achieve steady state level can be predicted from which of the following parameter is helpful in determining the time required to achieve steady state if drug follows first order kinetics
 - (a) Half life
 - (b) Maximum loading dose
 - (c) Clearance
 - (d) Volume of distribution
2. In hepatic metabolism, which of the following is a phase-II reaction in drug biotransformation
 - (a) Oxidation
 - (b) Reduction
 - (c) Glucuronide conjugation
 - (d) Hydrolysis
3. Which of the following pharmacokinetics parameter is useful in calculation of extent of adsorption
 - (a) C_{max}
 - (b) Clearance
 - (c) T_{max}
 - (d) Area under curve (AUC)
4. DPT (Tripple antigen) is given for prevention of
 - (a) Diphtheria, Pertussis, Tetanus
 - (b) Diphtheria, Pneumonia, Tetanus
 - (c) Diphtheria, Pneumonia, Tuberculosis
 - (d) Diphtheria, Pertussis, Tuberculosis
5. Identify the endotoxin producing bacteria among the following
 - (a) *Clostridium botulism*
 - (b) *Corynebacterium diphtheriae*
 - (c) *Salmonella typhi*
 - (d) *Clostridium tetani*
6. Which animal is commonly used for preparation of antitoxin
 - (a) Rabbit
 - (b) Horse
 - (c) Rat
 - (d) Mice
7. The potency of diphtheria antitoxin is determined by comparing the dose necessary to protect the experimental animals against the erythrogenic effects of the standard preparation of diphtheria antitoxin to give the same protection. Which of the following animals are specified for their test
 - (a) Guinea pigs or Rabbits
 - (b) Beagle dogs or Cats
 - (c) Albino mice or Wistar rats
 - (d) Hamsters or Frogs
8. What is the recommended antimicrobial preservative for test toxin refined for biological assay of diphtheria antitoxin
 - (a) Toluene
 - (b) Sodium benzoate
 - (c) Salt
 - (d) Sugar
9. In the tetanus vaccine (adsorbed) the potency of tetanus can be determined by injecting subcutaneously into a Guinea pigs. The weight of the Guinea should be
 - (a) 25g and 35g
 - (b) 250g and 350g
 - (c) 200g and 225g
 - (d) 2500g and 3500g
10. Two monochromators are essential for
 - (a) Colorimetry
 - (b) Spectrophotometry
 - (c) Spectrofluorimetry
 - (d) Flame photometry
11. Which of the following is the recommended diluents used in the determination of test dose of toxin used for biological assay of diphtheria antitoxin
 - (a) Sugar solution
 - (b) Ringer solution
 - (c) Saline solution
 - (d) Tyrode solution



157. Dienes undergo 1,4- addition and arenes give non conjugated cyclohexadienes such reductions are known as

- (a) Pinnacolization
- (b) Birch reduction
- (c) Clemmensen's reduction
- (d) Hydride transfer reduction

158. Reduction with active metals dissolved in liquid ammonia is called _____ reductions

- (a) Cannizaro
- (b) Crossed Cannizaro
- (c) Birch
- (d) Clemmensen's

159. Mayers reagent contains

- (a) Potassium thiocyanate
- (b) Potassium tetra hydroxide
- (c) Potassium mercuric iodide
- (d) Pyridine bromide

160. Menthol is a _____ alcohol

- (a) Primary
- (b) Unsaturated secondary
- (c) Saturated secondary
- (d) Tertiary

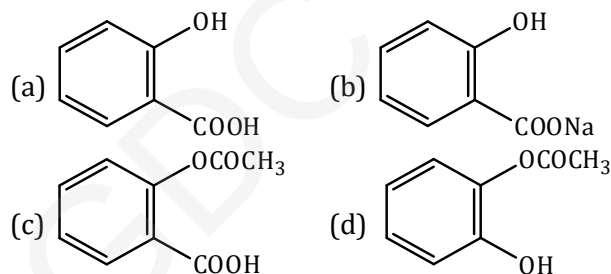
161. Which does NOT regulate or modify the reproductive system

- (a) Diosgenin
- (b) Androgen
- (c) Estrogen
- (d) Estrogen

162. The absolute configuration of steroid can be explained by the rule

- (a) Bernal rule
- (b) Mill's rule
- (c) Crow foot rule
- (d) Weiland rule

163. Which of the following is structure of aspirin



164. Which of the following antimalarial drugs has a 4-amino quinobone nucleus

- (a) Pamaquine
- (b) Mepacrine
- (c) Chloroquine
- (d) Pyrimethamine

165. Purine analogue drug used in anticancer therapy

- (a) Vinblastine
- (b) Dactinomycin
- (c) Methotrexate
- (d) Thioguanine

166. Quinine and quinidine are

- (a) Tautomerism
- (b) Diastereomers
- (c) Superimposable mirror images
- (d) Non superimposable mirror images

167. Which of the following is thiopentone derivative of histamine H_1 receptor antagonist

- (a) Doxylamine succinate
- (b) Mepyramine hydrochloride
- (c) Methamphetamine hydrochloride
- (d) Zolamine hydrochloride

168. _____ prepared by the interaction of 2-methyl-2-phenyl succinic acid with excess of 40% methylamine

- (a) Primidone
- (b) Sultiame
- (c) Carbamazepine
- (d) Ethosuximide

169. Which one of the following drug is used as long acting barbiturate

- (a) Allobarbitol
- (b) Pentobarbital sodium
- (c) Phenobarbital
- (d) Thiopental sodium

170. Separation of amino acids is identified in paper chromatography by spraying a dilute solution of

- (a) Ammonia
- (b) Aniline hydrogen phthalate
- (c) 95% ethanol
- (d) Ninhydrin

171. Most widely used for producing IR source radiation

- (a) Mercury lamp
- (b) Sodium lamp
- (c) Globar source
- (d) Deuterium lamp

172. Most commonly used solvent in NMR is

- (a) Ethanol 90%
- (b) Acetone
- (c) Deuterated chloroform
- (d) Dichloromethane

173. Hypsochromic shift in UV wavelength means

- (a) Increase in the intensity of absorption band
- (b) A shift of λ_{max} to longer wavelength
- (c) A shift of λ_{max} to shorter wavelength
- (d) Decrease in the intensity of an absorption band

174. IR spectra is obtained due to

- (a) Vibrational transition
- (b) Electronic transition
- (c) Rotational transition
- (d) Spin reversal

MADHYA PRADESH DRUG INSPECTOR-2017

SCAN ME

To Join FREE
Online Test

1. The ___ is used by the user to give instructions to the computer
 - (a) Input Device
 - (b) Output Device
 - (c) Control Unit
 - (d) Arithmetic and Logic Unit
2. Which of the following is NOT a File system
 - (a) FAT
 - (b) NTFS
 - (c) UFS
 - (d) LCD
3. In MS Word, how many margins are on a page
 - (a) Two (header and footer)
 - (b) Four (top, bottom, right, left)
 - (c) Two (landscape and Portrait)
 - (d) Two (top and bottom)
4. What kind of Font would you use for displaying the 2 in 10^2
 - (a) Italic
 - (b) Small
 - (c) Superscript
 - (d) Subscript
5. Which icon is used to check spelling
 - (a)
 - (b)
 - (c)
 - (d)
6. What defines a transaction of buying or selling online
 - (a) Online transaction processing (OLTP)
 - (b) E-commerce
 - (c) Commercial Networking
 - (d) None of these
7. The $\downarrow$ symbol refer to the _____ key in the keyboard
 - (a) Enter
 - (b) Shift
 - (c) Tab
 - (d) Backspace
8. _____ is an input device
 - (a) Pendrive
 - (b) Scanner
 - (c) Printer
 - (d) Plotter
9. Which of the following is NOT a programming language
 - (a) C++
 - (b) JavaScript
 - (c) Visual Basic
 - (d) HTML
10. In Excel, how many worksheets are present in a workbook by default
 - (a) 1
 - (b) 2
 - (c) 3
 - (d) 4
11. Choose the option that best fills in the sentence
Mumbai is ___ but Kolkata is ___ in area
 - (a) big, bigger
 - (b) big, biggest
 - (c) bigger, biggest
 - (d) bigger, more bigger
12. Choose the option that is opposite in meaning to the word italicized in the following sentence
The little girl looked absolutely beautiful in her new dress and shoes
 - (a) Dirty
 - (b) Lovely
 - (c) Filthy
 - (d) Ugly
13. Choose the correct form of expression to complete the sentence
This is the ___ of the bicycle, which was stolen
 - (a) description
 - (b) account
 - (c) information
 - (d) profile
14. Choose the appropriate preposition for the given sentence
The dog may bite you if you try to take _____ the bone it is chewing
 - (a) on
 - (b) away
 - (c) off
 - (d) over
15. Choose the correct form of tense for the given sentence
Maya _____ of giving up her job
 - (a) is thinking
 - (b) thinks
 - (c) will have been thinking
 - (d) has thought
16. Choose the correct form of verb for the given sentence
At the rally, the spokesman ____ that most people looked at the government's economic policy to be a great success
 - (a) measured
 - (b) contemplated
 - (c) claimed
 - (d) declared



57. Choose the correct answer and fill up the blanks

$$-1 \times -97321 = \text{-----}$$

- (a) 97321 (b) -97321
(c) -1 (d) 1

58. What is the range of the data given below

20, 35, 70, 65, 45, 95, 15, 80

- (a) 15 (b) 80
(c) 45 (d) 95

59. Gourav bought a scooter for 45000 rupees. If the shopkeeper has given him a discount of 10%, what was the marked price of the scooter

- (a) Rs. 50000 (b) Rs. 55000
(c) Rs. 65000 (d) Rs. 60000

60. The difference $20p^2 - 15q^2 - 21$, and $-12 + 11p^2 - 6q^2$ is

- (a) $9p^2 - 9q^2 - 9$ (b) $9p^2 + 9q^2 + 9$
(c) $9p^2 + 9q^2 - 12$ (d) $-9p^2 + 9q^2 - 12$

61. What is the measure of the base angle of an isosceles triangle, if its vertical angle is 70°

- (a) 110° (b) 55°
(c) 90° (d) 70°

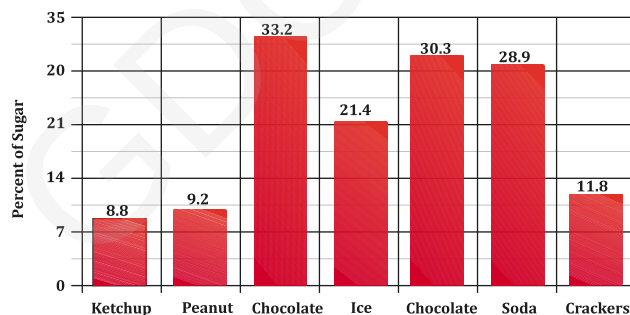
62. Madhuri took a loan of 70000 rupees at the rate of 5% from a bank and bought a scooter. After two years, she cleared the loan. How much money she would have paid in all

- (a) Rs. 75000 (b) Rs. 35000
(c) Rs. 77000 (d) Rs. 7000

63. Find the predecessor of $-(9^2 - 6^2) / -(9^2 - 6^2)$

- (a) -44 (b) -46
(c) 44 (d) 46

64. Sugar contained in sweet items represented in this graph.



From the adjoining graph, find out what is the percentage of sugar in the chocolate cake

- (a) 33.2% (b) 30.3%
(c) 11.8% (d) 28.9%

65. The sum of two numbers is 40. If one number is

$1/7$ of the larger number, the numbers are

- (a) 33,7 (b) 28,7
(c) 40,0 (d) 35,5

66. Express the ratio 550 g to 5 kg

- (a) 11:1 (b) 55:50
(c) 11:5 (d) 11: 100

67. If the arithmetic mean of 18, 15, 16, 10 and x is 14, find the value of x

- (a) 10 (b) 13
(c) 12 (d) 11

68. An express train runs 900 km at an average speed of 90 km/hour, stopping for 3 minutes at stations after every 100 km. How long it would take to reach its destination

- (a) 10 hr 30 min (b) 10 hr 24 min
(c) 10 hr 27 min (d) 10 hr

69. Complete the table of values for the following equation : $X + 2 = Y$

$X \quad 4 \quad -1 \quad 0$

- (a) 2, 4, 5 (b) -3, -6, -5
(c) 6, 1, 2 (d) 1, 4, 5

70. A set of 6 T-shirts costs Rs. 900, how much would be the cost of 90 of the same T-shirts

- (a) Rs. 2000 (b) Rs. 13500
(c) Rs. 1350 (d) Rs. 1400

71. A can do a piece of work in 30 days. He works at it for 20 days but leaves the task incomplete. B takes over and completes it in 12 days. If A and B had worked together, how many days would it have taken them to complete the work

- (a) $16\frac{1}{11}$ days (b) $16\frac{4}{11}$ days
(c) $16\frac{7}{11}$ days (d) $16\frac{10}{11}$ days

72. If one litre of water is added to 4 litres of sugar solution containing 25% sugar, the percentage of sugar in the new solution will be

- (a) 25% (b) 20%
(c) 30% (d) 15%

73. A cloth merchant, on selling 27 metres of cloth, obtains a profit equal to the selling price of 9 metres of the same cloth. Find his profit percentage

- (a) 60% (b) 50%
(c) 40% (d) 30%



KERALA DRUG
INSPECTOR-2017

SCAN ME

To Join FREE
Online Test

1. **Silk is obtained from**
 - (a) *Ovis aries* (b) *Bombyx mori*
 - (c) *Gossypium hirsutum* (d) *Cannabis sativa*
2. **Warfarin is**
 - (a) Hypoglycaemic (b) Urinary antiseptic
 - (c) Oral anticoagulant (d) In vitro anticoagulant
3. **An absorbable suture is**
 - (a) Silk (b) Nylon
 - (c) Catgut (d) Linen
4. **Hypolipidaemic agent**
 - (a) Simvastatin (b) Metformin
 - (c) Methimazole (d) Olanzapine
5. **Molisch test is used for the estimation of**
 - (a) Carbohydrates (b) Sugar
 - (c) Glycosides (d) Protein
6. **Selenium sulphide is used as**
 - (a) Antacid (b) Antidandruff
 - (c) Emetic (d) None of these
7. **The joint that help for the movement of knee**
 - (a) Pivot joint (b) Synovial joint
 - (c) Hinge joint (d) Gliding joint
8. **Strongest bone, that bears the weight of our body**
 - (a) Femur (b) Clavicle
 - (c) Vertebral column (d) Hip girdle
9. **Dry heat sterilization is usually carried out in**
 - (a) Autoclave (b) Hot air oven
 - (c) Membrane filters (d) Centrifuge
10. **Eugenol is found in**
 - (a) Myrrh (b) Clove
 - (c) Asafoetida (d) Bael
11. **Vinca is**
 - (a) Antimalarial (b) Expectorant
 - (c) Antineoplastic (d) Antiemetic
12. **Brunner's glands are found in**
 - (a) Pancreas (b) Stomach
 - (c) Liver (d) Small intestine
13. **Water soluble ointment base**
 - (a) Hard paraffin (b) Macrogol
 - (c) Soft paraffin (d) Wool fat
14. **Pyrogen test is carried out in**
 - (a) Guinea pig (b) Rabbit
 - (c) Rat (d) Chicken
15. **Proton pump inhibitor**
 - (a) Cimetidine (b) Misoprostol
 - (c) Omeprazole (d) Benzhexol
16. **A prokinetic drug**
 - (a) Ramipril (b) Triamterene
 - (c) Metoclopramide (d) Ondansetron
17. **Cotrimoxazole is a combination of**
 - (a) Clotrimazole and ketoconazole
 - (b) Trimethoprim and Pyrimethamine
 - (c) Clotrimazole and Sulphadiazine
 - (d) Trimethoprim and Sulfamethoxazole
18. **β -lactam antibiotic**
 - (a) Erythromycin (b) Cephalosporins
 - (c) Tetracycline (d) Ciprofloxacin
19. **The main adverse effect of chloramphenicol**
 - (a) Diarrhoea
 - (b) Cardiac failure
 - (c) Dry cough
 - (d) Bone marrow depression
20. **Streptomycin is**
 - (a) Quinolone (b) Macrolide
 - (c) Aminoglycoside (d) Tetracycline
21. **Artemisinin is**
 - (a) Antineoplastic (b) Antimalarial
 - (c) Antifungal (d) Diuretic
22. **The causative agent of chicken pox is**
 - (a) Rubella (b) Arbovirus
 - (c) Varicella zoster (d) Yersinia pestis
23. **An example of arthropod-borne infection**
 - (a) Tuberculosis (b) Amoebiasis
 - (c) Leprosy (d) Plague

HIMACHAL PRADESH DRUG INSPECTOR-2016

SCAN ME

To Join FREE
Online Test

- In the Drugs and Cosmetics Act and Rules, the Schedule relating to GLP is
 - Schedule M
 - Schedule L1
 - Schedule M1
 - Schedule P
- Which separation technique is suitable for simultaneous analysis of standards and samples in a single run
 - HPLC
 - GC
 - TLC
 - UV
- The following plant bark is used as cardiogenic
 - Withania somnifera*
 - Terminalia bellirica*
 - Terminalia arjuna*
 - Zingiber officinale*
- The typical dry heat condition employed in the sterilization of pharmaceutical products
 - 250°C for 90 min
 - 180°C for 30 min
 - 200°C for 45 min
 - 100°C for 60 min
- Match the reagent with major composition and select correct answer from the codes given below

(P) Mayer
(Q) Dragendorff's
(R) Wagner reagent
(S) Hager reagent
(I) Potassium bismuth iodide
(II) Iodine in potassium iodide
(III) Picric acid
(IV) Potassium mercuric iodide

 - P-(IV), Q-(I), R-(III), S-(II)
 - P-(III), Q-(I), R-(II), S-(IV)
 - P-(II), Q-(I), R-(IV), S-(III)
 - P-(I), Q-(IV), R-(II), S-(III)
- For USP-content uniformity, out of 10 tablets, 9 tablets may contain X% and NOT more than Y% of labeled drug content
 - X 75%, Y = 125%
 - X = 85%, Y = 115%
 - X=65%, Y = 135%
 - X 95%, Y = 105%
- Density can be measured by the following apparatus
 - Soxhlet extraction
 - Karl Fischer Titrator
 - Pycnometer
 - Distillation
- The most commonly used carrier gas in gas chromatography
 - Hydrogen
 - Argon
 - Helium
 - Neon
- Moisture content of pharmaceuticals is determined by
 - RP-HPLC
 - GC-FID
 - Karl Fischer method
 - None of these
- All of the following are AIDS tests, EXCEPT
 - ELISA
 - Fuji
 - RIA
 - Western's test
- In the Drugs and Cosmetics Act and Rules, the Schedule relating to GMP for non-allopathic (AYUSH) is
 - Schedule M
 - Schedule T
 - Schedule S
 - Schedule M1
- 0.9% of NaCl is ____ with blood plasma
 - Hypertonic
 - Hypotonic
 - Isotonic
 - None of these
- The following carbohydrate is commonly known as invert sugar
 - Glucose
 - Fructose
 - Lactose
 - Sucrose
- USP stands for
 - Universal Standard Pharmacopoeia
 - United States National Formulary
 - United States Pharmacopoeia
 - United States Nations Pharmacopoeia
- Government Analyst for Ayurvedic, Siddha or Unani drug appointed by Central or State Government under
 - Section 20
 - Section 33F
 - Section 33G
 - Section 21



MPSC DRUG INSPECTOR-2016

SCAN ME

To Join FREE
Online Test

- HIV/AIDS is diagnosed by some specific tests. Identify which among the following test is/are used**
 - ELISA
 - DNA-PCR by amplification
 - Western blot
 - All of these
- What is the antidote for Lead poisoning**
 - Dimercaptosuccinic acid
 - Physostigmine
 - Fomepizole
 - Atropine
- Which of the following drugs is NOT a Tocolytic**
 - Ritodrine
 - Magnesium sulfate
 - Nifedipine
 - Ergotamine
- Which of the following NSAIDs is NOT a propionic acid derivative**
 - Ibuprofen
 - Naproxen
 - Oxaprozin
 - Piroxicam
- Which anticoagulant is produced by mast cells and basophils**
 - Heparin
 - Prostaglandin
 - Histidine
 - Vitamin K
- Under which rule of Drugs and Cosmetics Act, 1940 and rules 1945, licences for blood banks are issued**
 - 122 G
 - 122 A
 - 160 B
 - 150 B
- Match the following**

(P) Thromboplastin	(I) Factor VII
(Q) Proconvertin	(II) Factor III
(R) Fibrinogen	(III) Factor II
(S) Prothrombin	(IV) Factor I

 - P-(II), Q-(I), R-(IV), S-(III)
 - P-(III), Q-(IV), R-(I), S-(II)
 - P-(I), Q-(II), R-(III), S-(IV)
 - P-(III), Q-(IV), R-(II), S-(I)
- Basophils originate in**
 - Megakaryoblast
 - Monoblast
 - Megakaryocyte
 - Myeloblast
- Match the following anticancer drugs with their cell cycle effects**

(P) Cytarabine (ARA-c)	(I) G ₁ -S phase
(Q) Etoposide	(II) M phase
(R) Vincristine	(III) G ₂ -M phase
(S) Bleomycin	(IV) S phase

 - P-(IV), Q-(I), R-(II), S-(III)
 - P-(IV), Q-(II), R-(I), S-(III)
 - P-(I), Q-(II), R-(III), S-(IV)
 - P-(IV), Q-(III), R-(I), S-(II)
- Which of the following is an ester and short-acting Local anaesthetic**
 - Tetracaine
 - Dibucaine
 - Lidocaine
 - Procaine
- Antifungal Antibiotic Amphotericin B is obtained from**
 - Streptomyces pimprina*
 - Penicillium griseofulvin*
 - Streptomyces nodosus*
 - Both (a) and (c)
- Which of the following drugs is NOT an enzyme - inducer**
 - Phenobarbitone
 - Phenytoin
 - Rifampin
 - Cimetidine
- One of the following drugs is most widely used as local anaesthetic for infiltration, regional nerve block, epidural and subarachnoid anaesthesia. It is also commonly used for topical anaesthesia**
 - Cocaine hydrochloride
 - Procaine hydrochloride
 - Lidocaine hydrochloride
 - Mepivacaine hydrochloride

93. Drug will be deemed to be spurious if
- (P) If it is imported under a name which belongs to another drug
- (Q) If it is coloured, coated, powdered or polished so that damage is concealed
- (R) If it is not labelled in the prescribed manner
- (S) If it is made to appear of better or greater therapeutic value

Which of the above statement/s is/are CORRECT

- (a) (P) and (Q) only (b) (R) and (S) only
- (c) (P) and (R) only (d) Only (P)
94. Select the logically equivalent option with respect to the statement given below. "If Uma and Sohil go for a beach walk, then it is raining."
- (a) If it is not raining then Uma and Sohil do not go for a beach walk.
- (b) If Uma and Sohil do not go for a beach walk, then it is raining.
- (c) If Uma and Sohil do not go for a beach walk, then it is not raining.
- (d) If it is not raining then Uma and Sohil go for a beach walk.

95. Donu, Nanu and Yonu who belong to three different communities, participated in a chapati making competition and one of them won the trophy. They belong to communities namely Romi, Mori and Bori. All members of Romi community always make true statements, all members of Mori community always make untrue statements, all members of Bori community make true and untrue statements alternately. They made the following statements when reporter asked them to comment.
- Donu: If Yonu had not disturbed me by singing loudly while making chapatis I would have won the trophy. Yonu always speaks the truth. Yonu is the winner.

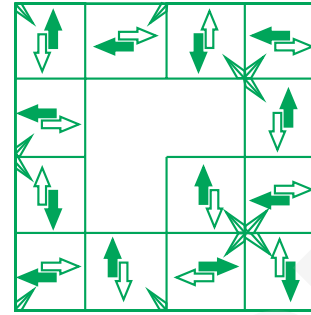
Nanu: Donu won the trophy. Yonu is not the member of Mori community.

Yonu: I was not singing to disturb Donu. Nanu won the trophy.

Who won the trophy

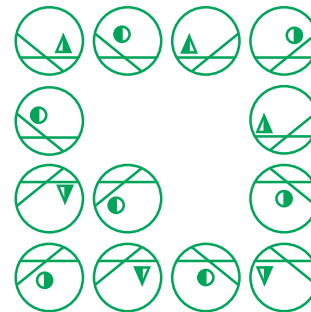
- (a) Yonu
- (b) Donu
- (c) Nanu
- (d) Yonu and Donu jointly won the trophy

96. Select a set of logically appropriate images for filling empty places



- (a)
- (b)
- (c)
- (d)

97. Select logically appropriate set of images to fill the blank places of following arrangement



- (a)
- (b)
- (c)
- (d)

98. A family consists of H, G, F, E, D and C as its members. Chas two sons, an unmarried daughter and a daughter-in-law and his wife shares all his responsibilities. H and his mother D are very supportive to G's wife in her social work. H is the brother-in-law of above mentioned daughter-in-law. G's sister assists G's wife E in her social work. Select option that indicates C's daughter

- (a) G (b) F (c) E (d) H

CHHATTISGARH DRUG INSPECTOR-2015

SCAN ME

To Join FREE
Online Test

1. **The WIDAL test is performed for**
 - (a) Typhoid fever
 - (b) Malaria fever
 - (c) Dengue fever
 - (d) None of these
2. **The types of toothed tissue forceps are**
 - (a) All is type
 - (b) Lane's type
 - (c) Magnitan's type
 - (d) All of these
3. **Who is the ex-officio chairman of the Central Insecticide Board constituted to government about manufacture sale storage transport and distribution of insecticides with a view to ensure safety to human beings or animals**
 - (a) Drugs Controller, India
 - (b) Plant Protection Advisor, to the Govt. of India
 - (c) Chief Advisor of Factories
 - (d) Director- General of Health Services
4. **Trephine and Trocar are**
 - (a) Surgical cutting instrument
 - (b) Accessories and implants
 - (c) Refractor
 - (d) All of these
5. **To declare and make rule for any manufacturing process or operation as 'Dangerous operations' who is empowered under the Factories Act, 1948**
 - (a) Central Government
 - (b) State Government
 - (c) District Administration
 - (d) Inspector of Factories
6. **The total number of members nominated by Central Government in Pharmacy Council of India**
 - (a) 5
 - (b) 6
 - (c) 4
 - (d) 8
7. **The Metzenbaum scissors are used**
 - (a) To dissect soft tissue
 - (b) To cut surface
 - (c) Both (a) and (b)
 - (d) None of these
8. **Ceiling price of Schedule formulation is calculated by the formula**

$$P(c) = P(s) (1 + M/100)$$
In this P(s) signifies
 - (a) Price of highest paid formulation
 - (b) Average price to retailer
 - (c) Margin to retail
 - (d) Maximum Retail price
9. **Mosquito clamp is used to**
 - (a) Hold mosquitoes
 - (b) Stop blood flow
 - (c) Hold delicate tissue and compress bleeding vessels
 - (d) None of these
10. **Which body is entrusted with the task of maintaining the Central Register of Pharmacists**
 - (a) State Pharmacy Council
 - (b) Pharmacy Council of India
 - (c) Medical Council of India
 - (d) Drug Controller of India
11. **Which chapter of the Pharmacy Act, 1948 deals with the Registration of Pharmacists**
 - (a) Chapter II
 - (b) Chapter III
 - (c) Chapter IV
 - (d) Chapter V
12. **When can a person interested may make an application to the controller for grant of compulsory licence on patent on specific grounds**
 - (a) After the expiration of seven years from the date of grand of patent
 - (b) After the expiration of ten years from the date of grant of a patent
 - (c) After the expiration of twenty years from the date of grant of a patent
 - (d) After the expiration of three years from the date of grant of a patent
13. **Along with the duties of Controller of patents this Authority discharges what other duties**
 - (a) Controller of Designs
 - (b) Registrar of Trademark
 - (c) Controller – General of patents Designs and Trademark
 - (d) All of these



110. What is true about BRICS summit meet

- (I) The first BRIC summit meet was held on 2009
- (II) The first BRIC summit meet was held in India
- (III) The sixth BRIC summit meet was held in Fortaleza
- (IV) The sixth BRIC summit meet was held in July 2014
- (V) The sixth BRIC summit meet was presided over by Putin
- (VI) The fourth BRIC summit meet was held in China

- (a) (I), (III), (V) (b) (II), (IV), (VI)
- (c) (II), (V), (VI) (d) (I), (III), (IV)

111. Who was known as the "father of electrodynamics"

- (a) Volta (b) Sir Isaac Newton
- (c) Andre Marie Ampere (d) None of these

112. Founder of Homeopathy

- (a) F. Banting (b) Gregor Mendel
- (c) Henry Moseley (d) Samuel Hahnemann

113. The Administrative Head of Chandigarh is called

- (a) Lt. Governor (b) Chief Commissioner
- (c) Administrator (d) Deputy Commissioner

114. ELISA is related

- (a) Organic farming (b) In organic farming
- (c) Natural farming (d) All of these

115. Tikka Disease is associated with

- (a) Wheat crop (b) Tobacco crop
- (c) Ground nut crop (d) Sugarcane crop

116. In the present Budget session of state Legislative Assembly of this state which of the following is announced

- (a) Opening a Deemed University at Durg
- (b) Opening of State University at Durg
- (c) Opening of a Private University at Durg
- (d) Opening of IIIT at Durg

117. Municipal Governance in India has been in existence since 1687 and the first municipal corporation was

- (a) Bombay (b) Madras
- (c) Calcutta (d) Delhi

118. "The substance and the Shadow" is the autobiography of

- (a) Amitabh Bachchan (b) Manoj Kumar
- (c) Raj Kapoor (d) Dilip Kumar

119. Generally the purest seed is

- (a) Breeder seed (b) Foundation seed
- (c) Certified seed (d) Nucleus seed

120. He started his career as a labourer in Tata Steel. Later on become Chief Minister of a state. Name the person

- (a) Raghubar Das
- (b) Jeetan Ram Manjhi
- (c) Pawan Kumar Chamling
- (d) None of these

121. 'Charlie Hebdo' is a Satirical Weekly Magazine of

- (a) France (b) Britain
- (c) Australia (d) America

122. A Government Bill which is already passed by Lok Sabha and it is pending in Rajya Sabha. In the mean while Lok Sabha is dissolved, then the Government Bill

- (a) Will lapse
- (b) May be passed by Rajya Sabha
- (c) Will be sent to president
- (d) New Lok Sabha will consider

123. What is correct

- (I) Candidate contesting the election of Zila/Janpad Panchayat submits an affidavit.
- (II) Candidate contesting the election of Zila/Janpad Panchayat submits a self - signed declaration
- (III) Candidate contesting the election of Sarpanch/Panch submits an affidavit
- (IV) Candidate contesting the election of Sarpanch/Panch submits a self-signed declaration
- (V) Candidate contesting the election of sarpanch submits a self-signed declaration
- (VI) Every candidate contesting the election of Zila/Janpad/Sarpanch /Panch submits an affidavit
- (VII) No requirement to submit declaration form or affidavit to a candidate the lelection of Panch
- (VIII) Every candidate contesting the election of Zila/Janpad/Sarpanch/Panch submits self-signed declaration

- (a) (I), (III), (VI) (b) (II), (IV), (VIII)
- (c) (I), (VI), (VII) (d) (II), (IV), (V)



UPSC DRUG
INSPECTOR-2015

SCAN ME

To Join FREE
Online Test

1. **Zero order kinetics is seen in all EXCEPT**
(a) Salicylates (b) Barbiturates
(c) Phenytoin (d) Ethanol
2. **Which one of the following is NOT a prodrug**
(a) Chloral hydrate (b) Diazepam
(c) Enalapril (d) Oxcarbazepine
3. **Which one of the following drugs does NOT cross the placental barrier**
(a) Morphine (b) Lithium
(c) Warfarin (d) Heparin
4. **The evidence which indicates that a drug is stored extravascularly is**
(a) Small clearance
(b) Small apparent volume of distribution
(c) Large apparent volume of distribution
(d) Large clearance
5. **Which one among the following drugs can be given safely during pregnancy**
(a) Tetracycline (b) Chloroquine
(c) Thalidomide (d) Primaquine
6. **Lignocaine is used in the treatment of**
(a) Atrial Flutter
(b) Atrial Fibrillation
(c) PSVT
(d) Ventricular tachycardia
7. **Which one among the following drugs is used in AV block**
(a) Isoprenaline (b) Propranolol
(c) Dopamine (d) Disopyramide
8. **Mineralocorticoids cause**
(a) Gluconeogenesis (b) Glycogen synthesis
(c) Lipolysis (d) Sodium reabsorption
9. **In UV spectrophotometer, the light source is**
(a) Tungsten lamp (b) Sodium lamp
(c) Deuterium lamp (d) None of these
10. **The principle of infrared spectra is based upon**
(a) Electronic excitation (b) Resonance
(c) Dissociation (d) Molecular vibrations
11. **Williamson Synthesis is used for the preparation of**
(a) Aldehydes (b) Alcohols
(c) Ethers (d) Amides
12. **Ketoconazole structure contains**
(a) Imidazole ring (b) Triazole ring
(c) Tetrazole ring (d) Thiazole ring
13. **Vitamin containing steroidal moiety is**
(a) Vitamin D (b) Vitamin A
(c) Vitamin E (d) Vitamin B₁₂
14. **Dragendorff's reagent is employed for the identification of**
(a) Carbohydrates (b) Alkaloids
(c) Flavonoids (d) Proteins
15. **In which one among the following is Pteridine ring system present**
(a) Ascorbic acid (b) Thiamine
(c) Pyridoxine (d) Folic acid
16. **Aminophylline is a combination of**
(a) Theophylline and dimethylamine
(b) Caffeine and theophylline
(c) Theophylline and ethylenediamine
(d) Caffeine and ethylenediamine
17. **Purine ring system is a fusion of**
(a) Pyridine and imidazole
(b) Pyrimidine and imidazole
(c) Piperidine and pyrazole
(d) Piperidine and imidazole
18. **Furosemide contains the following heterocycle**
(a) Furan (b) Thiophene
(c) Pyrrole (d) Imidazole
19. **Term of every patent in India (under Indian Patent Act) from the date of filing is**
(a) 10 years (b) 14 years
(c) 20 years (d) 24 years



MPSC DRUG INSPECTOR-2014

SCAN ME

To Join FREE
Online Test

1. _____ is NOT the component of blood proteins
 - (a) Albumin
 - (b) Proconvertin
 - (c) Globulin
 - (d) Fibrinogen
2. For import of drugs specified in the "Schedule X" a license in which form will license be required
 - (a) Form -10
 - (b) Form - 10A
 - (c) Form -10B
 - (d) Form 8
3. "Illicit traffic" in relation to narcotic and psychotropic substances means
 - (A) Cultivating any coca plant or gathering any portion of coca plant
 - (B) Cultivating opium poppy or any other cannabis plant
 - (C) Selling of Metoprolol tartrate
 - (D) Importing Montelukast
 - (a) (A) only
 - (b) (A) and (B) only
 - (c) (A), (B) and (C)
 - (d) (A), (B) and (D)
4. Ototoxicity and Nephrotoxicity are the selective toxicities of
 - (a) Penicillin
 - (b) Cephalosporin
 - (c) Aminoglycosides
 - (d) Quinolones
5. The scarlet fever
 - (A) Is caused by streptococcus pyogenes
 - (B) Is caused by enteric viruses
 - (C) Is caused by respiratory viruses
 - (D) Caused fever with rose spot formation
 - (a) (A), (B), (C)
 - (b) (A), (D)
 - (c) (A), (C)
 - (d) (B), (C)
6. The antidote BAL is used to reduce toxicity of
 - (a) Iron
 - (b) Pesticides
 - (c) Barbiturates
 - (d) Mercury
7. The time a drug takes to reach an effective concentration or steady state level depends on its
 - (a) Plasma protein binding
 - (b) Plasma concentration in circulation
 - (c) Rate of elimination from the body
 - (d) Rate of absorption in the body
8. Match the following antibiotics with the organism from which they are obtained
 1. Streptomycin
 2. Neomycin
 3. Chloramphenicol
 4. Rifampicin
 - (A) *Streptomyces fradiae*
 - (B) *Streptomyces venezuelae*
 - (C) *Streptomyces mediterranei*
 - (D) *Streptomyces griseus*
 - (a) 1-(A), 2-(C), 3-(D), 4-(B)
 - (b) 1-(D), 2-(A), 3-(B), 4-(C)
 - (c) 1-(A), 2-(B), 3-(C), 4-(D)
 - (d) 1-(B), 2-(D), 3-(C), 4-(A)
9. An interview was scheduled at certain time. Personal Assistant arrived at 10:40 AM that is 35 minutes earlier than Chairperson. Chairperson was late for interview by 25 minutes. What the scheduled time of the interview
 - (a) 11:50 AM
 - (b) 11:15 AM
 - (c) 11:05 AM
 - (d) 11:10 AM
10. What is a Central Drug Authority
 - (A) DCGI
 - (B) DGHS
 - (C) Drugs Inspector
 - (D) Independent office under the Ministry of Health and Family Welfare
 - (a) (A) only
 - (b) (A) and (B) only
 - (c) (A) and (C) only
 - (d) (D) only
11. As per I.P. the dispersion obtained when dispersible tablets are added to water, must pass through a sieve with nominal mesh aperture of
 - (a) 710 μm
 - (b) 250 μm
 - (c) 425 μm
 - (d) 510 μm



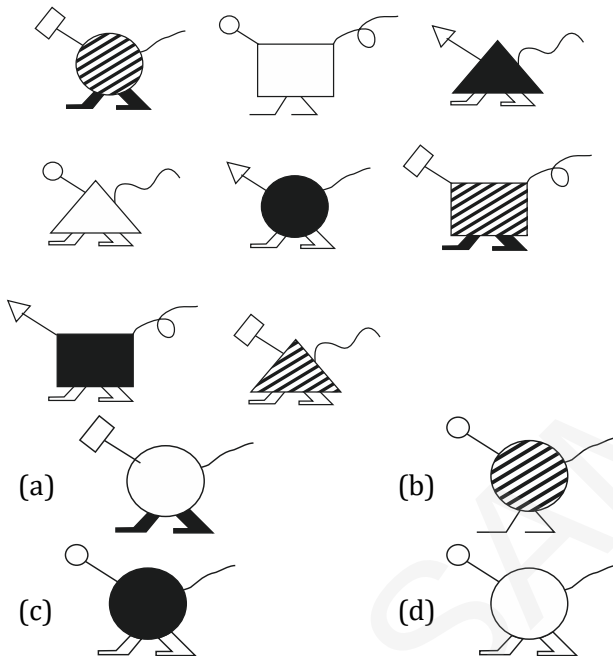
60. The confirmation of AIDS is by one of the following tests

- (a) ELISA (b) Western blot
(c) PCR test (d) Southern blot

61. Act responsible of regulation of Nutraceuticals in India is

- (a) State food and drug administration
(b) Food with nutrient function claims
(c) Food safety and standard Act
(d) Food for specified health use

62. Observe the figures. Select a figure from the given alternatives, which will fit in place of (?) appropriately



63. In dry powder inhalation products lactose is used as

- (A) Filler (B) Thinner
(C) Carrier (D) None of these
(a) (A) and (B) (b) (A) and (C)
(c) (C) only (d) (D) only

64. Which type of hypersensitivity reaction has cell - mediated (delayed) type of action

- (a) Type I Hypersensitivity
(b) Type II hypersensitivity
(c) Type III hypersensitivity
(d) Type IV hypersensitivity

65. Which of the following statement are TRUE

- (A) T.B. and Polio vaccines are of attenuated type
(B) Diphtheria and tetanus vaccines are inactivated endotoxins

(C) Cholera and plague vaccines are of inactivated type

- (a) (A) and (B) (b) (B) and (C)
(c) (A), (B), (C) (d) None of these

66. Catgut cannot be sterilized by

- (A) Heat (B) X-ray
(C) Ionizing radiation (D) Chemicals

- (a) (A) only (b) (B) only
(c) (A) and (B) (d) (A), (B), (C) and (D)

67. There is some relationship between the two terms, to the left of :: the same relationship is between the two terms, to the right of :: Out of these four terms, one is missing, shown by (?). This missing term is given as one of the alternatives. Find it

- (a) R18U21 (b) 015R18
(c) Q1ST21 (d) Q17T20

68. A polyene macrolide antibiotic, used against Candida infections is

- (a) Fluconazole (b) Terbinafine
(c) Nystatin (d) Rifampicin

69. _____ anemia results in destruction of red bone marrow

- (a) Iron deficiency (b) Pernicious
(c) Aplastic (d) Hemolytic

70. The effect of Human Immunodeficiency Virus (HIV) infection results in

- (a) Affecting cell-mediated immunity and severe loss of CD4⁺ cells
(b) Affecting cell mediated immunity and severe loss of CD8⁺ cells
(c) Affecting both antibody and cell-mediated immunity with increased CD4 cells
(d) Affecting both antibody and cell-mediated immunity and increased CD4 and CDS cells

71. In patients with AIDS the most common fungal infection is

- (a) Toxoplasmosis (b) Candidiasis
(c) Cryptococcosis (d) Aspergillosis

72. Diazonium ions are

- (a) Weakly electrophilic (b) Strongly electrophilic
(c) Weakly nucleophilic (d) Strongly nucleophilic

73. The mechanism of action of Doxorubicin is

- (a) It inhibits DNA polymerase
(b) It stabilized DNA -Topoisomerase
(c) It interferes with regeneration of lipid carrier by blocking its phosphorylation
(d) It disrupts microtubule function

JHARKHAND DRUG INSPECTOR -2013

SCAN ME

To Join FREE
Online Test

PHARMACEUTICAL JURISPRUDENCE

1. **A nonbonded manufactory shall inspected by the other officer at least**
 - (a) Once every month
 - (b) Once every two months
 - (c) Once every six months
 - (d) Once every year
2. **Applications for licence to manufacture goods liable to duty of excise, under medicinal and toilet preparations (Excise Duties) shall be made in**
 - (a) Form A.L.1
 - (b) Form A.L.2
 - (c) Form A.L.3
 - (d) Form A. L.4
3. **The Drug and Magic Remedies (Objectionable Advertisement) Rules came into force in the year**
 - (a) 1954
 - (b) 1955
 - (c) 1956
 - (d) 1957
4. **Publications of the advertisements is prohibited that refers to the use of any drug for the treatment of**
 - (a) Cancer
 - (b) Plaque
 - (c) Tuberculosis
 - (d) All of these
5. **Person contravening any provision of the drugs and magic remedies (objectionable advertisements) act is punishable with**
 - (a) Imprisonment up to three months or fine or both
 - (b) Imprisonment up to four months or fine or both
 - (c) Imprisonment up to five months or fine or both
 - (d) Imprisonment up to six months or fine or both
6. **Which of the following is a Magic Remedy**
 - (a) Talisman
 - (b) Mantra
 - (c) Kavach
 - (d) All of these
7. **Which of the following is violation of the Drugs and Magic Remedies (Objectionable Advertisements) Act**
 - (a) Display of signboard by a registered medical practitioner offering treatment for any disease
 - (b) Publication of a book only for scientific purpose, suggesting the use of a drug in the treatment of any disease
 - (c) Advertisement relating to any drug sent confidentially to a registered medical practitioner
 - (d) None of these
8. **The prevention of Cruelty to Animal Act was enacted in**
 - (a) 1940
 - (b) 1950
 - (c) 1960
 - (d) 1970
9. **Which of the following does NOT comes under the cruelty to animals**
 - (a) Experiments on animals for use discovery useful for using human life
 - (b) Usefully and unreasonably disinterring any injurious drug to animal
 - (c) Treating any animal so as to subject it to unnecessary pain or suffering
 - (d) Failure to provide sufficient food, drink or shelter to the animal by its owner
10. **Experiments of animals for the discovery of new drugs is allowed under which of the following Sections of the prevention of Cruelty to Animals Act**
 - (a) Section 4
 - (b) Section 14
 - (c) Section 24
 - (d) Section 34
11. **Who among the following has the responsibility to establish Society for Prevention of Cruelty to Animals (SPCA)**
 - (a) Central government
 - (b) State government
 - (c) Animal Welfare Board
 - (d) Institutes carrying out animal experiments



92. Ostwald ripening is observed in

- (a) Solutions (b) Suspensions
(c) Tablets (d) Capsules

93. When a gel stands for sometimes, it shrinks and some of its liquid is pressed out. This phenomenon is known as

- (a) Syneresis (b) Imbibition
(c) Bleeding (d) Drying

94. Bentonite gel belongs to

- (a) Organic hydrogel (b) Absorption base
(c) Inorganic gel (d) Emulsion base

95. OROS is also known as

- (a) Oral rehydration powder
(b) Oral solution
(c) Elementary osmotic pump
(d) Oral solid dosage form

96. Partial or complete separation of the top or bottom crowns of a tablet from the main body of tablet is known as

- (a) Breaking (b) Picking
(c) Mottling (d) Capping

97. The use of colourants may solve

- (a) Picking problem (b) Lamination problem
(c) Mottling problem (d) Capillary problem

98. In tablet weight variation test as per USP 20, the tolerance allowed for tablets above 324 mg is

- (a) 5% (b) 7.5%
(c) 10% (d) 2%

99. In weight variation test, the number of tablets tested as per USP is

- (a) 10 (b) 15 (c) 20 (d) 5

100. A roller compacter is used in

- (a) Wet granulation
(b) Compression granulation
(c) Direct compression
(d) None of these

PHARMACOLOGY**1. The folic acid antagonistic, anticancer agent which is also used in rheumatoid arthritis is**

- (a) Azathioprine (b) Busulfan
(c) Methotrexate (d) Fluorouracil

2. Filariasis infection caused by parasites that lead to elephantiasis are treated with

- (a) Albendazole and Mebendazole
(b) Diethylcarbamazine and Ivermectin

(c) Albendazole and Ivermectin

(d) Ivermectin and Mebendazole

3. The drug of choice in roundworm infection that is widely used as a single dose deworming agent is

- (a) Mebendazole (b) Albendazole
(c) Ivermectin (d) Praziquantel

4. An anthelmintic agent which affects the worm in such a way that it is easily expelled from the body is known as

- (a) Fungicidal (b) Fungistatic
(c) Vermifuge (d) Vermicidal

5. A specific cellular-glycoproteins produced naturally by virus infected cells, and have antiviral actions. They are known as

- (a) Prostaglandins (b) Leukocytes
(c) Gamma globulins (d) Interferons

6. Identify the teratogenic drug

- (a) Gentamicin (b) Etretinate
(c) Chloramphenicol (d) Methyldopa

7. Drug miltefosine is highly effective in the treatment of

- (a) Tuberculosis (b) Leishmaniasis
(c) Leprosy (d) AIDS

8. The trip response observed upon intradermal injection is the characteristic nature of

- (a) Histamine (b) Dopamine
(c) Adrenaline (d) Ketamine

9. Catecholamines are synthesized from the amino acid

- (a) Cystine (b) Phenylalanine
(c) Proline (d) Glycine

10. A muscarinic blocker used as a bronchodilator is

- (a) Tolterodine (b) Scopolamine
(c) Ipratropium (d) Cyclopentolate

11. A diuretic agent widely used in closed angle glaucoma is

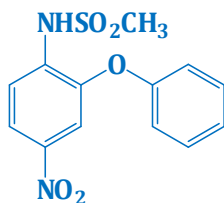
- (a) Acetazolamide (b) Furosemide
(c) Chlorothiazide (d) Spironolactone

12. α_1 -selective blocker which is having less bronchopulmonary and cardiac, side effects, also used in glaucoma is

- (a) Timolol (b) Propranolol
(c) Betaxolol (d) Esmolol



94. Identify the structure given below



- (a) Sulindac (b) Nimesulide
(c) Naproxen (d) Benoxinate

95. Starting material for the synthesis of dacarbazine is

- (a) 5-aminoimidazole-4-carboxamide
(b) 1-(2, 4-dichlorobenzoyl-methyl)-imidazole
(c) 5-hydroxy-3-methyl-imidazole
(d) 4-hydroxy-2-carboxyl-imidazole

96. Clofazimine belongs to a class of

- (a) Iminophenazines (b) Phenothiazines
(c) Pyrimidines (d) Benzotriazole

97. Ethyl derivative of 1-methyl-4-phenyl piperidine 4-carboxylic acid is

- (a) Anthelmintic agent
(b) Narcotic analgesic
(c) Nonsteroidal anti-inflammatory agent
(d) Antifungal agent

98. Captopril is the derivative of amino acid

- (a) Histidine (b) Tyrosine
(c) Phenylalanine (d) Proline

99. 2, 6-Dimethylaniline and chloroacetyl chloride are the starting materials for the synthesis of drug

- (a) Lidocaine (b) Benzocaine
(c) Etidocaine (d) Mepivacaine

100. Resolution is a method to separate

- (a) Diastereomers (b) Enantiomers
(c) Steroidal mixture (d) None of these

ANSWER KEY

PHARMACEUTICAL JURISPRUDENCE

1-a	2-a	3-b	4-d	5-d	6-d	7-d	8-c	9-a	10-b
11-b	12-c	13-c	14-c	15-b	16-c	17-d	18-d	19-d	20-a
21-b	22-c	23-a	24-c	25-d	26-d	27-c	28-c	29-d	30-d
31-b	32-c	33-c	34-a	35-d	36-c	37-b	38-b	39-d	40-b
41-a	42-a	43-c	44-c	45-b	46-c	47-c	48-a	49-b	50-d
51-a	52-c	53-b	54-a	55-c	56-b	57-a	58-c	59-b	60-d
61-b	62-c	63-b	64-b	65-d	66-a	67-b	68-b	69-c	70-d
71-d	72-b	73-c	74-d	75-b	76-a	77-c	78-c	79-c	80-a
81-d	82-a	83-d	84-a	85-c	86-b	87-d	88-b	89-b	90-c
91-c	92-d	93-d	94-c	95-d	96-a	97-c	98-a	99-d	100-b

PHARMACEUTICS

1-b	2-c	3-c	4-a	5-d	6-d	7-b	8-d	9-a	10-a
11-d	12-a	13-c	14-b	15-d	16-a	17-a	18-a	19-d	20-a
21-a	22-c	23-c	24-a	25-b	26-a	27-a	28-a	29-b	30-c
31-d	32-a	33-c	34-d	35-a	36-c	37-b	38-a	39-a	40-b
41-d	42-a	43-c	44-d	45-a	46-c	47-b	48-a	49-a	50-d
51-a	52-d	53-b	54-d	55-a	56-b	57-b	58-c	59-c	60-c
61-d	62-c	63-d	64-b	65-d	66-b	67-a	68-b	69-a	70-a
71-c	72-a	73-a	74-a	75-a	76-b	77-a	78-c	79-b	80-a
81-b	82-b	83-b	84-b	85-a	86-b	87-a	88-a	89-b	90-a
91-a	92-b	93-a	94-c	95-c	96-d	97-c	98-a	99-c	100-b



ANDRA PRADESH DRUG INSPECTOR-2012

SCAN ME

To Join FREE
Online Test

PAPER-I

1. 'Unguentum' means
 - (a) Cream
 - (b) Lotion
 - (c) Ointment
 - (d) Plaster
2. What is rectified spirit
 - (a) 75% ethanol
 - (b) 100% ethanol
 - (c) 90% ethanol
 - (d) 50% ethanol
3. In a prescription 'vespere' mean
 - (a) Talk in whisper
 - (b) Russel's viper
 - (c) In the evening
 - (d) At the morning
4. Function of sympathetic system include all EXCEPT
 - (a) Dilation of pupil
 - (b) Constriction of pupil
 - (c) Conversion of glycogen to glucose in liver
 - (d) Production of sweat
5. Antihypertensive agent
 - (a) Amphetamine
 - (b) Adrenaline
 - (c) Salbutamol
 - (d) Propranolol
6. One kilo gram is equal to
 - (a) 2.2 pound
 - (b) 3.0 pound
 - (c) 3.3 pound
 - (d) 4 pound
7. What is strophanthus
 - (a) Diuretics
 - (b) Antianemic
 - (c) Cardiac glycoside
 - (d) Antianginal
8. Drug classified under narcotic drugs and psychotropic agent include all EXCEPT
 - (a) Ephedrine
 - (b) Cocaine
 - (c) Heroin
 - (d) Hashish
9. Dapsone is useful in
 - (a) Tuberculosis
 - (b) Leprosy
 - (c) Malabsorption
 - (d) AIDS
10. Vehicles in ophthalmic drops include all EXCEPT
 - (a) Ethanol
 - (b) Isotonic phosphate
 - (c) Special boric acid
 - (d) Boric acid
11. Zidovudine is used in chemotherapy of
 - (a) Acute immune deficiency syndrome
 - (b) Small pox
 - (c) Influenza pneumonia
 - (d) Bronchogenic carcinoma
12. In what disease heart fails as a pump
 - (a) Angina pectoris
 - (b) Hepatic coma
 - (c) Congestive cardiac failure
 - (d) Nephrotic syndrome
13. In a prescription 'OID' means
 - (a) One fourth
 - (b) One quart
 - (c) Once in four days
 - (d) Four times a day
14. Catgut is sterilized by
 - (a) Dry heat method
 - (b) Autoclave
 - (c) Ionizing radiation
 - (d) Chemical method
15. Example for type I hypersensitivity reaction
 - (a) Complement mediated cell damage
 - (b) IgE mediated reaction
 - (c) Serum sickness
 - (d) Cell mediated immunity reaction
16. What is the normal cardiac output
 - (a) 1 liter/minute
 - (b) 2 liter/minute
 - (c) 4 liter/minute
 - (d) 5 liter/minute
17. Enzyme responsible for conversion of glucose to glucose 6-PO₄
 - (a) Glycogen synthase
 - (b) G-6-Phosphatase
 - (c) Glucokinase
 - (d) Phosphorylase
18. Containers for eye drops should be having all the properties EXCEPT
 - (a) Child proof
 - (b) Preserving the stability of content
 - (c) Not adversely affect content
 - (d) Withstand sterilization



115.D. Sanjeevaiah was the Chief Minister of Andhra Pradesh during

- (a) 30-9-1971 to 10-1-1973
- (b) 1-11-1956 to 11-1-1960
- (c) 11-1-1960 to 12-3-1962
- (d) 12-3-1962 to 29-2-1964

116.K. Vijaya Bhaskar Reddy was the Chief Minister of Andhra Pradesh during

- (a) 16-8-1920 to 17-9-2001
- (b) 1-11-1956 to 11-1-1960
- (c) 11-1-1960 to 12-3-1962
- (d) 12-3-1962 to 29-2-1964

117.P.V. Narasimha Rao was the Chief Minister of Andhra Pradesh during

- (a) 30-9-1971 to 10-1-1973
- (b) 1-11-1956 to 11-1-1960
- (c) 11-1-1960 to 12-3-1962
- (d) 12-3-1962 to 29-2-1964

118.To eradicate poverty in India, World Bank would help India in a novel way to the extent of

- (a) 12.10%
- (b) 9.20%
- (c) 7.80%
- (d) 10.96%

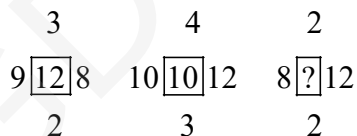
119.Highest percentage of votes polled by the successful candidate in Kamareddy Assembly seat by-election held recently

- (a) 55.2%
- (b) 51.2%
- (c) 46.1%
- (d) 47.2%

120.In the recently held Rajya Sabha elections from Andhra Pradesh, how many are elected unopposed

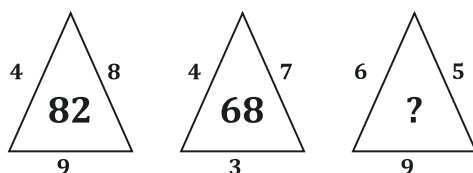
- (a) 6
- (b) 5
- (c) 4
- (d) 3

121.Number to be at question mark in the following



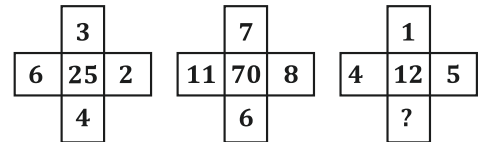
- (a) 22
- (b) 24
- (c) 26
- (d) 32

122.Number to be at question mark in the following



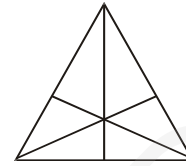
- (a) 60
- (b) 70
- (c) 80
- (d) 90

123.Number to be at the question mark



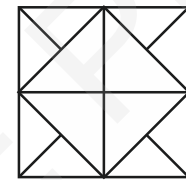
- (a) 10
- (b) 6
- (c) 2
- (d) 1

124.Number of triangles in the following



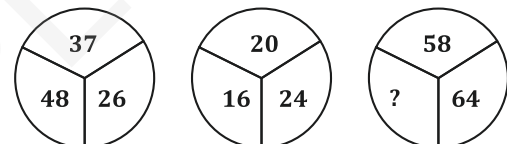
- (a) 12
- (b) 13
- (c) 14
- (d) 16

125.Number of triangles in the following



- (a) 16
- (b) 20
- (c) 18
- (d) 24

126.Number to be at the question mark



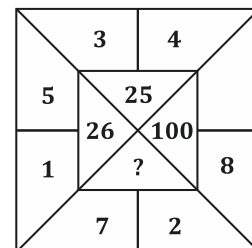
- (a) 52
- (b) 53
- (c) 54
- (d) 55

127.Number to be at the question mark

19	3	25
17	11	39
9	5	?

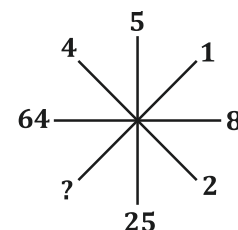
- (a) 19
- (b) 20
- (c) 21
- (d) 22

128.Number to be at the question mark



- (a) 53
- (b) 54
- (c) 55
- (d) 56

129.Number to be at the question mark



- (a) 1
- (b) 3
- (c) 6
- (d) 9

ODISHA DRUG INSPECTOR-2012

SCAN ME

To Join FREE
Online Test

1. The committee appointed by Government of India to look in to the drug industry and various aspects of drugs like licensing price control, imports, role of foreign sector quality control was headed by
 - (a) Mudaliar
 - (b) Bhatia
 - (c) Hathi
 - (d) Bhore
2. The Poison Act was introduced in the year
 - (a) 1878
 - (b) 1894
 - (c) 1919
 - (d) 1930
3. One of the following is NOT correct objectives of Pharmacy Act 1948 of India
 - (a) Restoration of pharmacy profession in its due place in the health service
 - (b) Raising the status of pharmacy profession
 - (c) To regulate the practice of pharmacy
 - (d) To have common syllabus of pharmacy throughout India
4. Find for false claim to be a registered pharmacist on first conviction is
 - (a) Rs. 500
 - (b) 6 months imprisonment
 - (c) Rs. 1,000
 - (d) Both fine and imprisonment
5. The main objective of Drugs and Cosmetic act, 1940 and subsequent amendments is to regulate the import manufacture distribution and sale of drugs and cosmetics of allopathy and the following categories, EXCEPT
 - (a) Ayurveda
 - (b) Siddha
 - (c) Unani Tibb
 - (d) Homoeopathy
6. One of the following does NOT come under the purview of PCI
 - (a) Education regulations
 - (b) Recognition of foreign qualification
 - (c) Approval of pharmacy institutions and withdrawal of approvals
 - (d) Issuing licenses to pharmacists
7. The sale of opium to the State Government or manufacturing chemists is made by Central Government opium factory located at
 - (a) Ghaziabad
 - (b) Ghazipur
 - (c) Gorakhpur
 - (d) Goa
8. Pharmacy Council of India was constituted in which year
 - (a) 1949
 - (b) 1948
 - (c) 1947
 - (d) 1950
9. All products of parenteral use are listed under the following schedule
 - (a) A
 - (b) B
 - (c) C
 - (d) D
10. The total number of State Pharmacy Council members are
 - (a) 10
 - (b) 15
 - (c) 20
 - (d) 25
11. The first edition of Indian Pharmacopoeia was out in
 - (a) 1945
 - (b) 1950
 - (c) 1955
 - (d) 1960
12. Applications for grant or renewal of licence for manufacturing Ayurvedic Siddha and Unani drug is required to be made in
 - (a) Form 24-D
 - (b) Form 48
 - (c) Form 25-E
 - (d) Form 24-E
13. Drugs to be taken under the medical supervision are included under the following schedule
 - (a) E
 - (b) G
 - (c) H
 - (d) K
14. The drugs (price control) order, 1995 does not take into account one of the following in fixing the retail price
 - (a) Material cost and conversion cost
 - (b) Packing material and packing charges
 - (c) Excise duty
 - (d) Local taxes
15. New drugs developed through research are exempted from price control for a period of
 - (a) 5 years
 - (b) 10 years
 - (c) 15 years
 - (d) 20 years

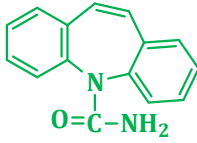
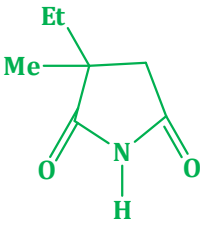
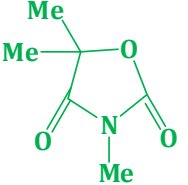


TAMIL NADU DRUG
INSPECTOR-2012

SCAN ME

To Join FREE
Online Test

- Which one of the following is Correctly matched
 - Digitalis-Uniseriate, multicellular trichomes
 - Senna- Multiseriate, thin walled trichomes
 - Opium- Contain starch and tannins
 - Rasna- Family: Euphorbiaceae
- The vernacular Tamil name for Rasna is
 - Rasana
 - Nannari
 - Vaipalam
 - Perarathai
- The decreasing order of Narcotic action is
 - Morphine, codeine, papaverine, narcotine, thebaine
 - Morphine, codeine, thebaine, papaverine, narcotine
 - Morphine, papaverine, codeine, narcotine, thebaine
 - Morphine, papaverine, narcotine, codeine, thebaine
- Allethrin, a synthetic allyl is homologue of
 - Cinerin-I
 - Pyrethrin-I
 - Cinerin-II
 - Pyrethrin-II
- Pallets are used in drug stores to
 - Transport horizontally
 - Cold storage
 - Secure storage
 - Stacking at ground level or vertically on shelves
- Sodium valproate is known to cause in newborn
 - Virilization of female foetus
 - Spine bifida
 - Hypoplastic phalanges
 - Fetal death
- Tetracyclines are known to cause which of the birth defects in the foetus
 - Foetal goiter
 - Discoloured and deformed teeth
 - Spina bifida
 - Virilization of female foetus
- Crystalluria is a side effect associated with
 - Erythromycin
 - Streptomycin
 - Chloramphenicol
 - Sulfonamide
- Which of the following drugs has a narrow therapeutic window
 - Sulfadiazine
 - Verapamil
 - Digoxin
 - Tetracycline
- Inadequacy of hepatic drug metabolizing systems in newborns leads to gray baby syndrome. Which of the following antibiotics causes it
 - Streptomycin
 - Erythromycin
 - Tetracycline
 - Chloramphenicol
- Match the following

(A) 	(1) Gabapentin
(B) 	(2) Carbamazepine
(C) 	(3) Trimethadione
(D) 	(4) Ethosuximide

Codes:

	A	B	C	D
(a)	1	2	3	4
(b)	2	1	4	3
(c)	3	1	4	2
(d)	4	2	1	3



RAJASTHAN DRUG INSPECTOR-2012

SCAN ME

To Join FREE
Online Test

1. **Mini Pill contains**
 - (a) Estrogen
 - (b) Non-Hormonal contents
 - (c) Progesterone
 - (d) Estrogen and Progesterone
2. **Longer use of organic nitrates in Angina pectoris cause one of the following side effects**
 - (a) Hepatotoxicity
 - (b) Tolerance
 - (c) Aplastic anemia
 - (d) Nephrotoxicity
3. **Zafirlukast is used as anti-asthmatic acts as**
 - (a) Prostaglandin antagonist
 - (b) Lipoxygenase inhibitor
 - (c) Cyclooxygenase inhibitor
 - (d) Leukotriene receptor antagonist
4. **Phbem does NOT contain**
 - (a) Phloem fibers
 - (b) Sieve-tubes
 - (c) Companion cells
 - (d) Tracheids
5. **Group of plants of a species which have identical morphological characters but differ in their chemical nature known as**
 - (a) Hybrids
 - (b) Chemodemes
 - (c) Polyploidy
 - (d) Mutation
6. **Which of the following is the major cause of drug instability**
 - (a) Oxidation
 - (b) Photolysis
 - (c) Hydrolysis
 - (d) Racemization
7. **What is the unit of rate constant for zero order kinetics**
 - (a) s^{-1}
 - (b) $Mol\ L^{-1}s^{-1}$
 - (c) $Mol\ L\ s^{-1}$
 - (d) $Mol^{-1}L^{-1}s$
8. **Tak is used as glidant in composition of**
 - (a) 5%
 - (b) 10%
 - (c) 15%
 - (d) 20%
9. **The surface material from a tablet that is sticking to and being removed from the tablet's surface by a punch is known as**
 - (a) Capping
 - (b) Lamination
 - (c) Sticking
 - (d) Picking
10. **Zeatin**
 - (a) Auxin
 - (b) Gibberellin
 - (c) Cytokinin
 - (d) Absciscic acid
11. **Cap Aloe is**
 - (a) *Aloe barbadensis*
 - (b) *Aloe perryi*
 - (c) *Aloe vera*
 - (d) *Aloe ferox*
12. **Most toxic constituent of Red Squill is**
 - (a) Scillaren A
 - (b) Scillaren B
 - (c) Scilliroside
 - (d) Glucoscillaren
13. **Rutin is rhamnoglucoside of**
 - (a) Scopoletin
 - (b) Hesperidin
 - (c) Esculetin
 - (d) Quercetin
14. **Castor oil is**
 - (a) Nondrying oil
 - (b) Semi drying oil
 - (c) Drying oil
 - (d) Super drying oil
15. **Animal wool fat is**
 - (a) Fat
 - (b) Lipid
 - (c) Wax
 - (d) Fixed oil
16. **Hyoscyamus is**
 - (a) Belladonna
 - (b) Henbane
 - (c) Stramonium
 - (d) Duboisia
17. **Murexide test is used for identification of___ Alkaloid**
 - (a) Purine
 - (b) Tropane
 - (c) Quinoline
 - (d) Indole
18. **Gas sterilization is done by using which gas**
 - (a) Ethylene oxide
 - (b) Formaldehyde
 - (c) Nitrous oxide
 - (d) Acetaldehyde
19. **Diazotization titration is not used for**
 - (a) Pyrimethamine
 - (b) Sulphadiazine
 - (c) Sulfamethoxazole
 - (d) Thiamine HCl
20. **In gas chromatography column length is**
 - (a) 5-10 meter
 - (b) 1-4 meter
 - (c) 10-15 meter
 - (d) 15-20 meter
21. **What is the unit of specific conductance**
 - (a) Ohm
 - (b) Mho
 - (c) $Ohm\ cm^{-1}$
 - (d) $Mho\ cm^{-1}$



UPSC DRUG
INSPECTOR-2011

SCAN ME

To Join FREE
Online Test

- Assume that for a digoxin, the therapeutic range is cited as $C_{avg} 5.5 = 0.82 \text{ mg/ml}$. If the patient is assumed to have an estimated digoxin $t_{1/2}$ of 48 hours, how long would you wait to take serum digoxin concentration measurement and when during the dosing interval would you schedule it
 - 28 days than 3-4 hours after the dose is administered
 - 14 days than 6-8 hours after the dose is administered
 - 7 days than 10-14 hours after the dose is administered
 - 3 days than 1-2 hours after the dose is administered
- Which drug is used to prevent embolism in lungs and also during myocardial infarction
 - Human growth hormone
 - Alteplase
 - Epogen (EPO)
 - Granulocyte macrophage colony stimulating factor (GM-CSF)
- Which enzyme is used by the human immunodeficiency virus (HIV) to form deoxyribonucleic acid (DNA) in the host cell
 - Restriction endonuclease
 - DNA directed polymerase only
 - Reverse transcriptase only
 - Both (b) and (c)
- For two drug products, generic and brand to be considered bioequivalent, the 90% confidence intervals about the ratio of the mean of the C_{max} and AUC values for generic/brand product must be within
 - 80%-120% of the brand product
 - 80%-100% of the brand product
 - 80%-85% of the brand product
 - 80%-90% of the brand product
- The renal clearance of inulin is used as a measurement of
 - Effective renal blood flow
 - Active renal secretion
 - Glomerular filtration rate
 - Intrinsic enzyme activity
- Which condition usually increases the rate of drug dissolution from a tablet
 - Increases in the particle size of the drug
 - Use of the ionized or salt form of the drug
 - Decreases in the surface area of the drug
 - Use of the free acid or free base form of the drug
- The amount of nitroglycerine that a transdermal patch delivers within a 24-hour period will not depend on
 - Occlusive backing on the patch
 - Diffusion rate of nitroglycerine from the patch
 - Surface area of the patch
 - Dissolution rate of nitroglycerine from the patch
- A very fine powdered chemical/drug is defined as one that
 - Completely passes through a sieve #240
 - Completely passes through a sieve #120
 - Completely passes through a sieve #60
 - Passes through a sieve #60 and not more than 40% through a sieve #120
- Which equation is used to predict the stability of a drug product at room temperature from experiment at accelerated temperature
 - The Stokes equation
 - The Arrhenius equation
 - The Michaelis Menten equation
 - The Hixson Crowell equation



HIMACHAL PRADESH DRUG INSPECTOR-2011

SCAN ME

To Join FREE
Online Test

1. Where is the Institute of Himalayan Bio-resource Technology situated at
(a) Shimla (b) Nahan
(c) Bilaspur (d) Palampur
2. In which District 'Kol Dam' is located
(a) Kangra (b) Bilaspur
(c) Mandi (d) Chamba
3. When was Mandi and Suket 'Riyasat' merged to create Mandi District
(a) 12th Sept 1966 (b) 25th April 1958
(c) 15th April 1948 (d) 1st Jan 1950
4. Which District covers only 2.01% area of Himachal Pradesh
(a) Hamirpur (b) Solan
(c) Mandi (d) Una
5. Which is the estimated hydro electricity potential of Himachal Pradesh
(a) 20,000 MW (b) 30,000 MW
(c) 28,000 MW (d) 40,000 MW
6. In the memory of Rani Naina Devi, which 'Mela' is held in Himachal Pradesh
(a) Renuka Mela (b) Holi Mela
(c) Hamir Mela (d) Suhi Mela
7. How many percent of area of Himachal Pradesh is under thick forest
(a) 50.77% (b) 72.87%
(c) 63.9% (d) 48.90%
8. What is the estimated production capacity of Kol Dam
(a) 800 MW (b) 1000 MW
(c) 1200 MW (d) 450 MW
9. The Shivalik hills are at an attitude of about above sea level
(a) 600 meter (b) 800 meter
(c) 1200 meter (d) 700 meter
10. Capacity of Chamara dam hydroelectric power project is
(a) 500 MW (b) 540 MW
(c) 800 MW (d) 650 MW
11. The Lowest layer of atmosphere is called
(a) Stratosphere (b) Troposphere
(c) Ionosphere (d) Exosphere
12. The typical area of 'Sal' forest in the Indian Peninsular upland occurs
(a) On the Western Ghats
(b) Between the Tapti and the Narmada
(c) To the north each of the Godavari
(d) On the Malwa plateau
13. First Nuclear device test was done in
(a) Rajasthan (b) Punjab
(c) Sikkim (d) Maharashtra
14. The tide of minimum rise is called
(a) Spring Tide (b) Neap Tide
(c) Ebb Tide (d) None of these
15. Which Indian has been elected as Judge of International Court of Justice
(a) Man Chand Bhandari (b) Dayanand Bhandari
(c) Dalveer Bhandari (d) J.S. Verma
16. Which type of Industry is mostly found in Bangladesh
(a) Fishing (b) Tea
(c) Jute based (d) None of these
17. Jwala Gutta is a player of
(a) Squash (b) Badminton
(c) Cricket (d) Tennis
18. Which of the following countries is known as Island of Cloves
(a) Zanzibar (Africa) (b) Kerala (India)
(c) Kenya (Africa) (d) Nassau (Bahamas)
19. At the equator the duration of a day is
(a) 16 hours (b) 12 hours
(c) 10 hours (d) $12\frac{1}{2}$ hours



GUJARAT DRUG INSPECTOR-2011

SCAN ME

To Join FREE
Online Test

1. On cancellation of manufacturing license, the loan license is
 - (a) Cancelled
 - (b) Suspended
 - (c) Temporary suspended
 - (d) None of these
2. Drug retail sale licenses are issued by
 - (a) Drugs controller of India
 - (b) Union health minister
 - (c) Drug controller authority of the states
 - (d) Director of Health Services
3. The record for the drugs having date of expiry should be preserved for a period of at least
 - (a) 5 Years
 - (b) 2 Years
 - (c) 1 Year
 - (d) 3 Years
4. Which type of trichomes is present in ashwagandha
 - (a) Branched
 - (b) Lignified
 - (c) Glandular
 - (d) None of these
5. Chota-chand is synonym for
 - (a) *Rauwolfia serpentina*
 - (b) *Rauwolfia densiflora*
 - (c) *Rauwolfia perakensis*
 - (d) *Rauwolfia tetraphylla*
6. How can we detect the rhizome from the root of the 'Rauwolfia'
 - (a) By the presence of small central pith
 - (b) By the absence of small central pith
 - (c) By the presence of vascular bundle
 - (d) None of these
7. Ergotamine group of alkaloid is/are mixture of

[1] Ergocristine	[2] Ergocornine
[3] Ergocryptine	[4] Ergometrine

 - (a) 1, 2 and 3
 - (b) 2, 3 and 4
 - (c) 1, 2 and 4
 - (d) None of these
8. A disease called 'stripe canker' is connected with which of the following drugs

(a) Nux vomica	(b) Rauwolfia
(c) Ashwagandha	(d) Cinchona
9. If Cyanocobalamin is imported under the name of tetracycline, it will be called

(a) Adulterated drug	(b) Spurious drug
(c) Misbranded drug	(d) Substitute drug
10. Ergot powder gives blue color with
 - (a) p-dimethylamino benzaldehyde
 - (b) o-dimethylamino benzaldehyde
 - (c) Both (a) and (b)
 - (d) None of these
11. Neomycin is obtained from

(a) <i>E coli</i>	(b) <i>B. subtilis</i>
(c) <i>S. aeruginosa</i>	(d) <i>S. fradiae</i>
12. Biological and Biotechnological products are listed in Schedule

(a) A	(b) B
(c) C and C1	(d) X
13. Carbopols are polymerized from
 - (a) Methacrylate esters
 - (b) Acrylic acid
 - (c) Ethylene glycol
 - (d) Bis-phenol + phosgene
14. Hard gelatin capsule of size 3 will accommodate approximately volume in ml

(a) 0.1	(b) 0.2	(c) 0.3	(d) 0.75
---------	---------	---------	----------
15. The international name for small-pox vaccine is

(a) BCG	(b) DTP
(c) Variola	(d) Vibrio
16. Blood flow through a capillary is described by the equation known as

(a) Langmuir	(b) Noyes-Whitney
(c) Stokes'	(d) Hilderbrand
17. Compact size, low weight mass instrument is

(a) EI-TOF	(b) Maldi-Quadrupole
(c) Maldi-TOF	(d) Ion-trap



GUJARAT DRUG
INSPECTOR-2010

SCAN ME

To Join FREE
Online Test

1. Patients suffering from multidrug resistant tuberculosis can be treated with all of the following drugs EXCEPT
(a) Tobramycin (b) Amikacin
(c) Ciprofloxacin (d) Clarithromycin
2. Which of the following anti-malarial drug is safe during pregnancy
(a) Amodiaquine (b) Proguanil
(c) Primaquine (d) Chloroquine
3. Mechanism of action of Ketoconazole is
(a) Inhibits ergosterol synthesis
(b) Inhibits DNA gyrase
(c) Inhibits dihydropteroate synthetase
(d) Induces translation misreadings
4. Monitoring plasma drug concentration is useful while using
(a) Antihypertensive drugs (b) Levodopa
(c) Lithium carbonate (d) MAO inhibitors
5. Codeine differs in structure from morphine by
(a) N-methyl group
(b) Acetyl group at C₁ and C₆
(c) -OC₂H₅ group
(d) -OCH₃ group
6. Sanguinarine belongs to the subgroup of
(a) Morphinans
(b) Benzyl isoquinolines
(c) Phthalide isoquinolines
(d) Benzophenanthrenes
7. Dover powder used as a diaphoretic contains
(a) Ipecac and Opium (b) Senna and Cinchona
(c) Opium and Cinchona (d) All of these
8. _____ is the dimmer of flavones and flavonones
(a) Chalcones (b) Aurones
(c) Biflavanoids (d) Dihydroflavones
9. The wavelength source in NMR spectrometer is
(a) Goniometer
(b) Radiofrequency oscillator
(c) High voltage generator
(d) Klystron oscillator
10. Morphine does NOT cause
(a) Constriction of the pupil
(b) CNS depression
(c) Respiratory depression
(d) Diarrhoea
11. o,m,p-isomers can be differentiated on the basis of
(a) Chemical Shift
(b) Coupling constant
(c) Extinction coefficient
(d) Dipole moment
12. Isotopes differ in
(a) The number of protons
(b) The valency number
(c) The chemical activity
(d) The number of neutrons
13. Purity of water for injection is checked by
(a) Potential testing (b) Pyrogen testing
(c) Conductivity testing (d) pH Testing
14. The phosphate of a metal has the formula MHPO₄. The formula of its Bromide would be
(a) MBr (b) MBr₃
(c) MBr₂ (d) MBr₄
15. Geometrical isomerism is possible in case of
(a) 2-Pentene (b) Pentane
(c) Propene (d) Ethene
16. The IUPAC name of the compound having the formula (CH₃)₂CHCH₂Cl
(a) 2 - methyl-3-chloropropane
(b) 1 - chloro-3-methyl butane
(c) 1 - chloropentane
(d) 2- methyl-4-chlorobutane
17. In mammals, the major fat in adipose tissue is
(a) Triglyceride (b) Cholesterol
(c) Sphingolipids (d) Phospholipids
18. Ferritin is
(a) Co-enzyme
(b) The stored form of iron
(c) Non-protein moiety
(d) Enzyme



CHHATTISGARH DRUG INSPECTOR-2009

SCAN ME

To Join FREE
Online Test

1. Separation of a Tablet into two or more distinct layers is called as
 - (a) Capping
 - (b) Mottling
 - (c) Chipping
 - (d) Lamination
2. The polyethylene glycol ointment is an example of which type of ointment base
 - (a) Hydrocarbon base
 - (b) Absorption base
 - (c) Cream base
 - (d) Water-soluble base
3. In the production facility of injectable drug products, the water for injection is stored in tanks at
 - (a) 10°C
 - (b) 37°C
 - (c) 50°C
 - (d) 80°C
4. Which of the following drugs is available in the form of transdermal patch in Indian market
 - (a) Diclofenac
 - (b) Diazepam
 - (c) Digoxin
 - (d) Insulin
5. For the treatment of jaundice in newly born infants the which is administered is
 - (a) Chloramphenicol
 - (b) Dexamethasone
 - (c) Phenobarbitone
 - (d) Ascorbic acid
6. Which of the following micro-organisms is believed to be a cause of gastric ulcers
 - (a) Candida
 - (b) *H. pylori*
 - (c) *E. coli*
 - (d) Enterococcus
7. Which one of the following drug preparations should be orally administered after meals
 - (a) Tetracycline tablet
 - (b) Enteric-coated aspirin tablet
 - (c) Vitamin B-complex tablet
 - (d) All of these
8. Ergot alkaloids are used in the treatment of
 - (a) Reye's syndrome
 - (b) 3M-syndrome
 - (c) Emesis
 - (d) Migraine
9. Which one of the following drug is used in the prophylaxis of asthma
 - (a) Salbutamol
 - (b) Aminophylline
 - (c) Nedocromil
 - (d) All of these
10. Absorption of which drug is significantly increased when orally administered with high fat meal
 - (a) Riboflavin
 - (b) Griseofulvin
 - (c) Ibuprofen
 - (d) Clindamycin
11. The deficiency of which vitamin cause the disease called 'Pellagra'
 - (a) Ascorbic acid
 - (b) Nicotinic acid
 - (c) Pantothenic acid
 - (d) Vitamin B₁₂
12. What is the pharmaceutical use of vitamin C
 - (a) Preservative
 - (b) Diluent
 - (c) Solubilizing agent
 - (d) Antioxidant
13. Which one of the following is considered as fourth generation cephalosporin antibiotic
 - (a) Cefadroxil
 - (b) Cefoxitin
 - (c) Cefepime
 - (d) Cefixime
14. Which one of the following is used as antineoplastic drug
 - (a) Goserelin
 - (b) Cyclophosphamide
 - (c) TICE BCG
 - (d) All of these
15. Which one of the following drugs is categorized as atypical antipsychotic drug
 - (a) Chlorpromazine
 - (b) Quetiapine
 - (c) Fluphenazine
 - (d) Trifluoperazine
16. Aspirin tablet are NOT given in dengue fever because
 - (a) GIT bleeding tendency
 - (b) Anti inflammatory activity
 - (c) Uricosuric activity
 - (d) Antiplatelet activity
17. Which one of the following drugs carries lowest risk of hypoglycemia
 - (a) Glipizide
 - (b) Chlorpropamide
 - (c) Tolbutamide
 - (d) None of these



TAMIL NADU DRUG
INSPECTOR-2009

SCAN ME

To Join FREE
Online Test

1. Which of the following trade marked sustained release systems are based on encapsulated drug particles that will dissolve at various rates
 - I. Sequels
 - II. Spansules
 - III. Extentabs
 Of these
 - (a) I only
 - (b) III only
 - (c) I and II
 - (d) I, II and III
2. Compartment models are often used to illustrate the various principles of pharmacokinetics. A compartment is best defined as
 - (a) Any anatomic entity that is capable of absorbing drug
 - (b) A kinetically distinguishable pool of drug
 - (c) Specific body organs in tissues that can be assayed for drug
 - (d) Anybody fluid such as blood in urine that may contain drug
3. Dimethyl sulphoxide is commonly used as an excipient in transdermal patches as
 - (a) Adhesive
 - (b) Permeation enhancer of lipophilic drugs
 - (c) Permeation enhancer of hydrophilic drugs
 - (d) Release liner
4. Ideal conditions for effective transdermal drug delivery would include molecular weight of _____ and pH of _____ for the saturated aqueous solution of the drug
 - (a) < 500 Da, 1 - 5
 - (b) > 500 Da, 1 - 5
 - (c) < 500 Da, 5 - 9
 - (d) > 500 Da, 5 - 9
5. All of the following drugs are believed to undergo significant first-pass hepatic biotransformation, EXCEPT
 - (a) Phenytoin
 - (b) Lidocaine
 - (c) Morphine
 - (d) Nitroglycerine
6. Agglomeration in aerosols can be reduced by including
 - (a) Anionic surfactants with HLB greater than 10
 - (b) Cationic surfactants with HLB less than 10
 - (c) Non-ionic surfactants with HLB greater than 10
 - (d) Non-ionic surfactants with HLB less than 10
7. In a suspension, open network aggregate or floccule tends to
 - (a) Settle quickly and cannot be easily redispersed
 - (b) Settle slowly and can be easily redispersed
 - (c) Settle quickly and can be easily redispersed
 - (d) Settle slowly and cannot be easily redispersed
8. The particle size range of nano-particles is
 - (a) 1 nm - 1 nm
 - (b) 1 nm - 1000 nm
 - (c) 1 nm - 100 nm
 - (d) 0 nm - 5 nm
9. Transdermal drug delivery systems contain drugs meant for
 - (a) Local action
 - (b) Systemic action
 - (c) Both (a) and (b)
 - (d) None of these
10. Which one of the following per oral dosage forms is likely to exhibit the longest lag time
 - (a) Delayed release tablet
 - (b) Elixir
 - (c) Enteric coated tablet
 - (d) Sustained release capsule
11. The equation that describes the process of 'Passive Transport' is
 - (a) Noyes-Whitney equation
 - (b) Stokes law
 - (c) Fick's law
 - (d) Hofmeister rule
12. The gelatin used in the manufacture of capsules is obtained from collagenous material by
 - (a) Hydrolysis
 - (b) Decarboxylation
 - (c) Acetylation
 - (d) Conjugation



MPSC DRUG INSPECTOR -2008

SCAN ME

To Join FREE
Online Test

1. Which enzyme is used by the HIV to form DNA in host cell
(a) Endonuclease (b) Reverse Transcriptase
(c) Isomerase (d) None of these
2. Mumps is an acute disease caused by _____ organism
(a) HIV (b) Paramyxovirus
(c) Polio virus (d) Hepatitis virus
3. The agents that control growth of microorganisms on inanimate objects are referred as
(a) Sterilants (b) Antiseptics
(c) Antibiotics (d) Disinfectants
4. Preservatives are not to be included in the formulation of injectables, administered by _____ route
(a) Intramuscular (b) Subcutaneous
(c) Intraocular (d) Intradermal
5. In the LAL test cells are used for the detection of pyrogen
(a) Plasma (b) Lymphocyte
(c) Red blood (d) Amoebocyte
6. Nandu remembers that Sachin's birthday is certainly after 18th August but not after 22nd August. Meeta certainly remembers that Sachin's birthday is before 20th August and after 17th August. If both of them correct, then when is Sachin's Birthday
(a) 19 (b) 22
(c) 21 (d) 20
7. Which one of the following is NOT a Sexually Transmitted Disease (STD)
(a) Gonorrhea (b) Syphilis
(c) Chancroid (d) Hepatitis
8. In an autoclave, sterilization by moist heat is carried out at
(a) 160°C for 1 hour
(b) 180°C for 30 minutes
(c) 121°C and 15 psi pressure for 15 minutes
(d) 100°C and 10 psi pressure
9. The limit test for acid-insoluble ash gives
(a) Inorganic impurities (b) Organic impurities
(c) Siliceous impurities (d) None of these
10. Which of the following equations is useful in calculating shelf life of pharmaceuticals in accelerated stability testing
(a) Noye's-Whitney equation
(b) Gibb's Helmholtz equation
(c) Arrhenius equation
(d) Stokes equation
11. Drug sample taken by the drug inspector for analysis is sent to
(a) Drug controller
(b) Chief inspector
(c) Government analyst
(d) Public testing Laboratory
12. Central Register of pharmacists is maintained by
(a) State Health Ministry
(b) Pharmacy Council of India
(c) State Pharmacy Council
(d) Drug Controller of India
13. The drug _____ is not included in the first schedule of DPCO
(a) Rifampicin (b) Paracetamol
(c) Aspirin (d) Vitamin C
14. A local anaesthetic agent suitable only for injection is
(a) Tetracaine (b) Benzocaine
(c) Dibucaine (d) Procaine
15. In a person infected with HBV, the first virological marker detectable in serum is
(a) HBsAg (b) HBcAg
(c) HBeAg (d) Anti-HBs





DRUG INSPECTOR

SECTION-II

MODEL PAPERS

With Answer Key

- ✓ 10 Model Papers for Practice
- ✓ According to Drug Inspector Examination

10

PAPERS



Start Your Preparation for **DRUG INSPECTOR EXAM**

Download GDC CLASSES App

- ✓ Live Classes
- ✓ Video Lectures
- ✓ Online Test Series
- ✓ Study Materials
- ✓ e-Notes

Many More....

*Join the Best
To get the Best*

Download Now



Download The **GDC CLASSES** App From **Play Store**

MODEL PAPER-1

SCAN ME

To Join FREE
Online Test

- In preformulation study, which technique is used to determine the atomic and molecular structure of a crystal**
 - Differential Scanning calorimetry
 - Fourier transform infrared
 - Counter current chromatography
 - X-Ray Diffraction
- Which of the following parenteral container material shows the highest Gas permeation**
 - Polypropylene
 - Polystyrene
 - Polyisoprene
 - Neoprene
- Match the method of sterilization with their biological indicator**

Method of Sterilization	Biological indicator
[P] Dry heat	I. <i>Bacillus pumilus</i>
[Q] Moist heat	II. <i>Bacillus subtilis var niger</i>
[R] Filtration	III. <i>Pseudomonas diminuta</i>
[S] UV radiation	IV. <i>Bacillus stearothermophilus</i>

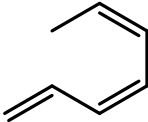
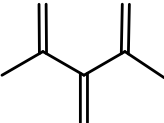
 - [P]-[II], [Q]-[IV], [R]-[I], [S]-[III]
 - [P]-[II], [Q]-[IV], [R]-[III], [S]-[I]
 - [P]-[II], [Q]-[I], [R]-[III], [S]-[IV]
 - [P]-[IV], [Q]-[II], [R]-[I], [S]-[III]
- A synthetic sweetening agent which is approximately 200 times sweeter than sucrose**
 - Saccharin
 - Aspartame
 - Cyclamate
 - Sorbitol
- Which of the following surfactant are mostly used as principle surfactant because of their superior foaming properties and low cost**
 - Non-anionic
 - Cationic
 - Anionic
 - Amphoteric
- Which of the following compound is prohibited in preparation of baby powder**
 - Boric acid and zinc stearate
 - Cetyl and stearyl alcohol
 - Only Boric acid
 - Undecylenate
- According to Schedule P, the life period of Insulin injection is**
 - 24 months
 - 12 months
 - 18 months
 - 6 months
- One of the following is not a qualification criterion for government analyst**
 - Associateship diploma of the Institution of Chemists (India) and 3 year's experience
 - A post graduate in medicine or science or pharmacy with 3 year's experience
 - A graduate in medicine or science or pharmacy or pharmaceutical sciences with 5 year's experience
 - A diploma holder in pharmacy with 7 year's experience
- Select the correct statement regarding Kinematic viscosity**
 - (P) The relative increase in the viscosity of the dispersion over that of the solvent alone**
 - (Q) Viscosity divided by the density of the liquid**
 - (R) Unit is stokes and centistokes**
 - (S) Unit is poise**

Choose the correct combination

 - P, Q and S are correct but R is incorrect
 - P and R are correct but Q and S are incorrect
 - Q and R are correct but P and S are incorrect
 - All P, Q, R and S are correct
- When one molecule with a permanent dipole repels another molecule's electrons are**
 - Van Der Waals force
 - Keesom force
 - London force
 - Debye force





- Which of the following model of machine is used for capsule dedusting and polishing
(a) Erweka KEA (b) Rotosort
(c) Zanasi (d) Osaka
- For the manufacture of aerosol containers, materials must withstand pressures as high as
(a) 130 to 150 psig at 130°F
(b) 140 to 180 psig at 130°F
(c) 140 to 170 psig at 120°F
(d) 120 to 140 psig at 120°F
- Study the following statements
[P] Fixatives in perfumes decrease rate of evaporation
[Q] Astringent is main ingredient in antiperspirant
[R] Melanin protects breakdown of bones
[S] Hard water contains a lot of calcium and potassium salt
Choose the CORRECT combination of statements
(a) [P] and [Q] are correct
(b) [R] and [S] are correct
(c) [P] and [S] are correct
(d) [Q] and [R] are correct
- What is the IP specification for solubility of slightly soluble compounds
(a) 1 part in 10-30 parts of solvent
(b) 1 part in 30-100 parts of solvent
(c) 1 part in 100-1000 parts of solvent
(d) 1 part in 1-10 parts of solvent
- Which of the following is an example of Cross conjugation
(a)  (b) 
(c)  (d) 
- Which detector is used in gas chromatography for halogen containing compounds specifically
(a) Katharometer
(b) Electron capture detector
(c) Flame ionization detector
(d) Thermal conductivity detector
- Which one is di phenyl butyl piperidine derivative atypical antipsychotic agent
(a) Molindone (b) Haloperidol
(c) Pimozide (d) Thioridazine
- Which test is used only with containers that have been exposed to sulfur dioxide fumes under controlled humidity conditions
(a) Pyrogen test (b) Water Attack test
(c) Bubble-point test (d) Leak test
- The Franz diffusion cell which is used for the evaluation of transdermal drug delivery systems consists of
(a) 1 chamber (b) 2 chamber
(c) 3 chamber (d) None of these
- Listed below are the chemical tests used to identify some groups of phytoconstituents. Identify the test for the detection of the purine alkaloids
(a) Keller-Kiliani Test (b) Murexide Test
(c) Shinoda Test (d) Vitali-Morin Test
- IVIVC utilizes the principles of a single point correlation
(a) Level A (b) Level B
(c) Level C (d) Level D
- If the given drug is absorbed by passive diffusion what will be its absorption kinetics
(a) Zero order (b) First order
(c) Second order (d) Pseudo-zero order
- What will be the AUC value of lidocaine if the administered dose is 0.2 g and the total body clearance is 45 L/h
(a) 9000 h.mg/L (b) 9.00 h.mg/L
(c) 0.0044 h.mg/L (d) 4.44 h.mg/L

MODEL PAPER-3

SCAN ME

To Join FREE
Online Test

- Under the Drugs Prices Control Order 2013, Maximum retail price of scheduled formulation is calculated by**
 - Ceiling price + Local taxes
 - Retail price + Local taxes
 - Average price + Local taxes
 - Minimum price + Local taxes
- Which of the following statements about lispro-insulin are true**

(P) Action is faster and short in duration than regular insulin

(Q) It is given 15 minutes prior to meal

(R) Source is lamb

(S) Action is faster and of longer duration than regular insulin

 - P and Q are true R and S are false
 - P and S are true Q and R are false
 - P is true Q, R and S are false
 - P and R are true Q and S are false
- In Gilles de la Tourette's syndrome which drug is used**
 - Halothane
 - Haloperidol
 - Sulpiride
 - Clozapine
- In State Pharmacy Council all following are ex-officio members, EXCEPT**
 - President of India
 - Chief Administrator Medical Officer of State
 - The Officer in Charge of Drug Control Organization
 - Government Analyst
- Zingiber officinale consist the chemical constituents**
 - β -Phellandrene, Carvone, Limonene
 - β -Phellandrene, Camphene, Cineole, Borneol
 - Quercetin, Camphene
 - Eugenol, Ester
- X-ray diffraction (XRD) is a technique where compounds diffract (scatter) the X-rays of wavelength ranging from**
 - 10^{-2} to 10^{-4} cm
 - 10^{10} to 10^{20} cm
 - 10^{-6} to 10^{-10} cm
 - None of these
- A high level of personal hygiene should be followed and observed by all those concerned with _____ processes**
 - Manufacturing
 - Transporting
 - Warehousing
 - None of these
- Ivermectin is used for the treatment of**
 - Filariasis
 - Ascariasis
 - Taeniasis
 - Hookworm infestation
- Bacopa monnieri plant belongs to the family**
 - Scrophulariaceae
 - Leguminosae
 - Polygonaceae
 - Rubiaceae
- Which of the following causes misreading of m-RNA code and affect permeability**
 - Vancomycin
 - Amphotericin B
 - Aminoglycosides
 - Erythromycin
- Which drug probably acts by inhibiting influx of Ca^{2+} from endolymph into the vestibular sensory cells which mediates labyrinthine reflexes**
 - Meclizine
 - Doxylamine
 - Prochlorperazine
 - Cinnarizine
- Match the parts of tablet punching machines with their corresponding functions**

PART	FUNCTION
P. Punches	I. Guide the movement of the punches
Q. Camtrack	II. Hold upper and lower punches
R. Turrets	III. Used for the compression of granules with die
S. Die table	IV. Portion holding the die

 - P-I, Q-II, R-III, S-IV
 - P-III, Q-I, R-II, S-IV
 - P-II, Q-III, R-I, S-IV
 - P-III, Q-IV, R-II, S-I



MODEL PAPER-4

SCAN ME

To Join **FREE**
Online Test

1. The sample taken by the drug inspector for the purpose of test or analysis is sent to the government analyst by registered post or by hand in a sealed packet with a memorandum in addressed to the government analyst
 - (a) Form 18
 - (b) Form 1
 - (c) Form 2
 - (d) Form 16
2. Acid-fast organism is seen in the sputum of a 48 yrs old alcoholic man. A test to confirm whether he needs long- term multidrug therapy for tuberculosis is
 - (a) Chest X-rays
 - (b) Ziehl-Neelsen stain of the sputum
 - (c) Sputum cytology
 - (d) Mycobacterial cultures of the sputum
3. The dissolution rate of drugs from tablets may be increased by
 - (a) Increasing the compression stress during tableting
 - (b) Increasing the concentration of lubricant
 - (c) Increasing the concentration of disintegrant
 - (d) Film-coating tablets with ethyl cellulose
4. All new prescription only medicines must be issued with a marketing authorization from the MHRA before they can
 - (a) Undergo phase I clinical trials
 - (b) Undergo phase III clinical trials
 - (c) Be advertised to the public
 - (d) Be advertised to prescribers
5. Which of the following is INCORRECT match of excipients are employed in tablets for the stated reasons
 - (a) Lactose - as a diluent
 - (b) Sucrose - as a binder
 - (c) Hydroxypropyl methylcellulose - as an enteric coating
 - (d) Polyethylene glycol - as a lubricant
6. Regarding the hard gelatin capsule, which of the following statements are TRUE
 - (a) Moisture content of capsule shell ranged between 6% and 10%
 - (b) Capsules should be used for highly efflorescent or deliquescent materials
 - (c) Thickness of the capsule wall is controlled by the viscosity of the gelatin solution and the speed and time of dipping
 - (d) Hard gelatin capsule shells are prepared using a polymerization process
7. Regarding emulsions, which of the following statements are TRUE
 - (a) Multiple emulsions are more stable than primary emulsions
 - (b) Water in oil emulsions is commonly administered orally
 - (c) Oil in water emulsions is stable following dilution with water
 - (d) Dispersed globules of the internal phase do not possess a zeta potential
8. Schedule J of the Drugs and Cosmetics Act and Rules gives
 - (a) List of substances that are required to be used only under medical supervision
 - (b) List of drugs that are sold by retail only on prescription by an RMP
 - (c) List of diseases or ailments which a drug may not claim to cure
 - (d) None of these
9. The following are manufacturing facilities required for production of solid dosage forms EXCEPT
 - (a) Material handling
 - (b) Chemical weighing
 - (c) Tablet blending and granulation
 - (d) Sterile filling material



MODEL PAPER-5

SCAN ME

To Join FREE
Online Test

1. Anticoagulant acid citrate injection is required to be pyrogen free, because pyrogens are

- (a) Products causing febrile reaction upon injection
- (b) Organic catalysts formed in living cells
- (c) Antigens contained in bacteria
- (d) Non-specific globulins

2. Match the followings

AGENT

EXAMPLE

[P] Bulk forming [I] Polyethylene glycol

[Q] Stimulant [II] Mineral oil

[R] Emollient [III] Methyl cellulose

[S] Hyperosmotic [IV] Castor oil

Choose the correct combination

- (a) P-III, Q-IV, R-I, S-II
- (b) P-IV, Q-III, R-I, S-II
- (c) P-III, Q-IV, R-II, S-I
- (d) P-II, Q-III, R-I, S-IV

3. For schedule X drug use of human beings, special labelling requirement is

- (a) Symbol X given in red
- (b) Symbol N in red displayed on left top corner of the label
- (c) Symbol N displayed on the left top corner of the label
- (d) Symbol H displayed on right top corner of the label

4. Butylated hydroxytoluene (BHT) is antioxidant, it acts by

- (a) Gets preferentially oxidized in place of drug
- (b) Blocks the oxidative reaction chain
- (c) Increases the effectiveness of antioxidant
- (d) Forms complex with catalyst responsible for oxidation

5. Read the properties of the class IA - antiarrhythmic drugs

(P) Reduce automaticity of his-Purkinje fibers

(Q) Decrease the rate of rise and amplitude of phase 0 polarization

(R) Prolong P-R and Q-T intervals

(S) Facilitate inward sodium conductance during rapid depolarization

Choose the correct combination

- (a) Only P is correct but Q, R, S are incorrect
- (b) R & S are correct but P & Q are incorrect
- (c) P & S are correct but Q & R are incorrect
- (d) P, Q, R are correct but S is incorrect

6. Why amines absorb at higher wavelengths in comparison to alcohols

- (a) Because oxygen is more electronegative than nitrogen
- (b) Because nitrogen is more electronegative than oxygen
- (c) Because nitrogen is more electropositive than oxygen
- (d) Because oxygen is more electropositive than nitrogen

7. As per D & C Act, the label for ophthalmic ointments should bear the warning

- (a) If irritation persists or increases discontinue the use and consult the physician
- (b) To be sold by retail on the prescription of an RMP
- (c) Do not apply and drive
- (d) Shake well before use

8. Match the chemical name with their brand name

CHEMICAL NAME

BRAND NAME

[P] Colloidal silica

[I] Sta Rx 1500

[Q] Microcrystalline cellulose

[II] Avicel

[R] Directly compressible starch

[III] Emcocel

[S] Cellulose

[IV] Cab-O-Si

Choose the correct combination

- (a) P-IV, Q-III, R-I, S-II
- (b) P-IV, Q-III, R-II, S-I
- (c) P-IV, Q-II, R-I, S-III
- (d) P-II, Q-III, R-I, S-IV



MODEL PAPER-6

SCAN ME

To Join FREE
Online Test

1. In multi-station punching machine, the upper as well as lower punches are connected by
 - (a) Cams
 - (b) Turrets
 - (c) Wire meshes
 - (d) Revolving belts
2. Pasteur effect denotes
 - (a) Presence of oxygen suppressing alcohol and yeast formation
 - (b) Presence of excess glucose suppressing alcohol and yeast production
 - (c) Metal ions suppressing alcohol and yeast fermentation
 - (d) High inoculum level stimulating fermentation
3. The synonyms for Cresol with soap solution is
 - (a) Lysol's solution
 - (b) Ringer's solution
 - (c) Dakin's solution
 - (d) Lugol's solution
4. Antifungal activity of Flucytosine is because of
 - (a) Binding to ergosterol
 - (b) Conversion to 5-fluorouracil
 - (c) Inhibition of sterol 14- α -demethylase
 - (d) Inhibition of ergosterol biosynthesis
5. Minimum area of the shop to obtain a wholesale license to sell and stock drugs shall be
 - (a) Five square meters
 - (b) Ten square meters
 - (c) Fifteen square meters
 - (d) Twenty square meters
6. The distribution of globules is NOT uniform in an emulsion. This stage is termed as
 - (a) Breaking
 - (b) Caking
 - (c) Coalescence
 - (d) Creaming
7. Which apparatus is used to determine the dissolution of suppositories
 - (a) Basket type
 - (b) Wire mesh basket
 - (c) Paddle type
 - (d) Cylinder type
8. Weight variation limits as per IP for the tablet weight is more than 80 mg through 250 mg
 - (a) 10%
 - (b) 7.5%
 - (c) 5%
 - (d) 5%
9. Which of the following category of drugs will have small apparent volume of distribution
 - (a) Basic drugs
 - (b) Acidic drugs
 - (c) Neutral drugs
 - (d) Non-ionic drugs
10. The area under the serum concentration time curve represents the
 - (a) Biological half-life of the drug
 - (b) Amount of drug that is cleared by kidneys
 - (c) Amount of drug absorbed
 - (d) Amount of drug excreted in the urine
11. Identify the reagents used in Thalleoquin test
 - (a) Glacial acetic acid + Water
 - (b) Bromine water + Conc. NH_3
 - (c) Bromine water + Dil. NH_3
 - (d) Mercuric chloride + Alcohol
12. Which ash value parameter is NOT used in Quality control of crude drugs
 - (a) Water insoluble
 - (b) Acid insoluble
 - (c) Total ash
 - (d) Water soluble
13. The time difference between drug administration and start of absorption is called as
 - (a) Time lag
 - (b) Absorption phase
 - (c) Residual curve
 - (d) Onset of time
14. A second order reaction follows pseudo-first order reaction, when the concentration of
 - (a) Two reactants are high
 - (b) Two reactants are low
 - (c) One reactant is far higher than the other reactant
 - (d) Two reactants are equal
15. Which of the following expression is CORRECT for the determination of shelf life for a first order decomposition
 - (a) $t_{1/2} = 0.105/k$
 - (b) $t_{90} = 0.693/k$
 - (c) $t_{1/2} = 0.693/k$
 - (d) $t_{90} = 0.105/k$
16. Dipole-dipole force is the interaction between pi-electron orbitals in systems is
 - (a) Orbital Overlap
 - (b) Ion-Ion Interactions
 - (c) Hydrogen Bonds
 - (d) Van der Waals Forces



MODEL PAPER-7

SCAN ME

To Join **FREE**
Online Test

1. The containers used to package drugs may consist of several components and/or be composed of several materials. The release of an ingredient from packaging components into the actual product is best described by the term
 - (a) Adsorption
 - (b) Absorption
 - (c) Leaching
 - (d) Permeation and porosity
2. Following reagents are used in the Vitali -Morin test and gives which colour
 - (a) Nitric acid + 3% NaOH in methanol and gives purple colour
 - (b) Fuming nitric acid + 3% KCl in methanol and gives yellow colour
 - (c) Fuming nitric acid + 1% KCl in ethanol and gives yellow colour
 - (d) Fuming nitric acid + 3% KOH in methanol and gives violet colour
3. Millard reaction in tablet formulation occurs due to which of the following reason
 - (a) Lactose reacts with amino group of drugs in absence of metal stearate
 - (b) Lactose reacts with amino group of drugs in presence of metal stearate
 - (c) MCC reacts with basic group of drug protein
 - (d) Croscarmellose reacts with acidic group of drugs
4. Prohibit advertisements of drugs which makes false claim for the drug or which gives the misleading information about the drug
 - (a) Drugs and Magic Remedy (Objectionable advertisements) Act, 1954
 - (b) Medicinal and Toilet Preparations Act, 1955
 - (c) The Pharmacy Act, 1948
 - (d) Drugs and Cosmetics Act, 1940
5. In pharmacovigilance the term ADR stands for
 - (a) Adverse Drug Reaction
 - (b) Adverse Dose Reaction
 - (c) Absolute Drug Reaction
 - (d) Absolute Dose Reaction
6. Which of the following properties is desirable in a pharmaceutical suspension
 - I. Caking
 - II. Pseudoplastic flow
 - III. Thixotropy
 - (a) I only
 - (b) III only
 - (c) I and II only
 - (d) II and III only
7. Drugs Inspector is appointed as per the provisions of
 - (a) Pharmacy Act 1948
 - (b) Drugs and Cosmetics Act 1945
 - (c) Drugs Inspector Act 1940
 - (d) NDPS Act 1985
8. The upper critical solution temperature is defined as
 - (a) The maximum temperature at which two components will remain immiscible as two distinct liquids
 - (b) The minimum temperature at which two components will remain immiscible as two distinct liquids
 - (c) The maximum temperature at which two components remain miscible
 - (d) The minimum temperature at which two components remain miscible
9. The sugar moiety of *Digitalis purpurea* is
 - (a) 2, 6-deoxy allose
 - (b) 2, 6-deoxy glucose
 - (c) 2, 6-deoxy Rhamnose
 - (d) 2, 6-deoxy galactose
10. With regard to clinical trials of new drugs, which of the following is most CORRECT
 - (a) Phase I involves the study of a small number of normal volunteers by highly trained clinical pharmacologists
 - (b) Phase II involves the use of the new drug in a large number of patients (100-5000) who have the disease to be treated
 - (c) Phase III involves the determination of the drug's therapeutic index by the cautious induction of toxicity
 - (d) Chemical antagonist



MODEL PAPER-8

SCAN ME

To Join FREE
Online Test

1. Which statement is CORRECT about mechanism of antibacterial action of Cephalosporins involves
 - (a) Inhibition of the synthesis of precursors of peptidoglycan
 - (b) Interference with the synthesis of ergosterol
 - (c) Inhibition of transpeptidation reaction
 - (d) Inhibition of beta-lactamase
2. What is the primary purpose of conducting a melting point determination in pharmaceutical analysis
 - (a) To assess the purity of the compound
 - (b) To determine the molecular weight of the compound
 - (c) To evaluate the solubility of the compound
 - (d) To study the stability of the compound
3. Cosmetic preparations containing which of the following heavy metals is prohibited from import
 - (a) More than 2 ppm of arsenic
 - (b) More than, 20 ppm of lead
 - (c) More than 100 ppm of antimony
 - (d) All of these
4. Read the statements
Statement I: Strong acid and strong base are ionized in all media, whatever it is acid or base
Statement II: Weak acids are ionized in the alkaline medium
Choose the correct combination
 - (a) Statement I is true but statement II is false
 - (b) Statement II is true but statement I is false
 - (c) Statement I and II both are false
 - (d) Statement I and II both are true
5. Which of the following statements is TRUE about a nonpolar bond
 - (a) The bond is formed between atoms with significantly different electronegativity
 - (b) The electrons in the bond are unequally shared between the atoms
 - (c) The electron density around each atom is equal in the bond
 - (d) There is a significant development of charge on one of the atoms
6. Read the following statements regarding Halothane
[P] It has primarily been used clinically as an inhalational anesthetic
[Q] It potentiates competitive neuromuscular blockers
[R] Causes respiratory depression
[S] Halothane is in under local anesthetic drug
Choose the correct combination
 - (a) [P], [Q], [R] & [S] all are correct
 - (b) [R] is correct but [P], [Q] & [S] are incorrect
 - (c) [Q] is incorrect but [P], [R] & [S] are correct
 - (d) [P], [Q] & [R], are correct but [S] is incorrect
7. In quantitative analysis using UV-Visible spectrophotometry, what is the primary factor that can lead to deviations from Beer's Law
 - (a) High concentrations of the analyte
 - (b) The use of a monochromatic light source
 - (c) Constant temperature during the analysis
 - (d) Calibration with a single standard solution
8. Which of the following statements are TRUE for ginseng root
[P] It is among the most traded plant material of Brazil
[Q] It is obtained from *Panax ginseng* and *Panax quinquefolium*
[R] It is obtained from young plants of six months to one year age
[S] It contains derivatives of protopanaxadiol
 - (a) P and Q
 - (b) R and S
 - (c) Q and R
 - (d) Q and S



MODEL PAPER-9

SCAN ME

To Join FREE
Online Test

1. **Brand name of carboxymethyl cellulose sodium is**
(a) Avicel (b) Nymcel
(c) Cellosize (d) Pharnasorb
2. **Commercially available AQUAPHOR and POLYSORB is**
(a) Absorption bases
(b) Oleaginous bases
(c) Water removable base
(d) Water soluble base
3. **The optimum moisture content of capsule shell ranged is**
(a) 10% (b) 12-15%
(c) 20% (d) 18%
4. **Select the CORRECT statement regarding Deflocculated suspension**
[P] Suspending agent settles down rapidly
[Q] Particles settle as a separately due to low particle size
[R] Suspending agent remains suspended for long time
[S] Exhibits plastic or pseudoplastic flow
Choose the CORRECT one
(a) P, Q and S are correct but R is incorrect
(b) Q and R are correct but P and S are incorrect
(c) Q and R are incorrect but P and S are correct
(d) All P, Q, R and S are correct
5. **Select the equation that gives the rate of drug dissolution from a tablet**
(a) Fick's equation
(b) Henderson Hasselbalch equation
(c) Noyes Whitney Equation
(d) Michaelis Menten equation
6. **Which class of antifungal drugs work by inhibiting squalene epoxidase**
(a) Polyenes (b) Echinocandins
(c) Allylamines (d) None of these
7. **Select the CORRECT statement regarding drug-binding sites on human serum albumin**
[P] Site I is also known as Tamoxifen binding site
[Q] Site II is also known as Diazepam binding site
[R] Site III is also known as Digitoxin binding site
[S] Site IV is also known as Warfarin binding site
Choose the CORRECT combination
(a) P, Q and S are correct but R is incorrect
(b) P and R are correct but Q and S are incorrect
(c) Q and R are correct but P and S are incorrect
(d) All P, Q, R and S are correct
8. **The characteristic toxicity of Doxorubicin is**
(a) Kidney damage (b) Liver damage
(c) Cardiomyopathy (d) Pulmonary fibrosis
9. **BAL (British Anti-Lewisite) is used to counter the toxic effects of**
(a) Atropine (b) Mercury
(c) Morphine (d) Barbiturates
10. **Spironolactone is contraindicated with which of the following drugs**
(a) Enalapril (b) Atenolol
(c) Verapamil (d) Chlorothiazide
11. **Which of the following electromagnetic radiation spectrum are used in ESR spectroscopy**
(a) Infra-red spectrum (b) UV spectrum
(c) Microwave (d) X-ray spectrum
12. **Which of the following drugs can be used to treat both constipation and diarrhea**
(a) Kaopectate (b) Parepectolin
(c) Bisacodyl (d) Polycarbophil
13. **The α and β cyclic forms of D- glucose are known as**
(a) Anomers (b) Epimers
(c) Enantiomers (d) Tautomerization





1. Choose the CORRECT statement regarding pKa determination

[P] The Kozeny Carman equation provides an estimate of the ionized and unionized drug concentration at a particular pH

[Q] The Henderson-Hasselbalch equation provides an estimate of the ionized and unionized drug concentration at a particular pH

[R] For basic compound

$$\text{pH} = \text{pKa} + \log \frac{[\text{ionized drug}]}{[\text{un-ionized drug}]}$$

[S] For acidic compound

$$\text{pH} = \text{pKa} + \log \frac{[\text{Un-ionized drug}]}{[\text{ionized drug}]}$$

Choose the CORRECT combination

- (a) Q, R and S are correct but P is incorrect
- (b) Q and R are correct but P and S are incorrect
- (c) R and S are correct but P and Q are incorrect
- (d) All P, Q, R and S are correct

2. Indicate which of the following statements is TRUE for Oil-soluble surfactants

- (a) Have high HLB values
- (b) Are hydrophilic
- (c) Can be used as emulsifiers to produce water-in-oil emulsions
- (d) Are efficient solubilizing agents

3. In this type incompatibility, the interactions can be changed by changing the order of mixing the solutions in dilute forms

- (a) Adjusted incompatibility
- (b) Tolerated incompatibility
- (c) Delayed incompatibility
- (d) All of these

4. Read the statements regarding Sulfonamide based drugs

(P) Mafenide not a typical sulfonamide, because a $-\text{CH}_2-$ bridge separates the benzene ring and the amino group

(Q) Silver sulfadiazine used topically as 1% cream, it is active against a large number of bacteria and fungi, even those resistant to other sulfonamides, e.g. Pseudomonas

(R) Sulfamethoxazole has slowest duration of action; $t_{1/2}$ in adults averages 1 hours

(S) Sulfacetamide is a highly soluble compound used in the treatment of TB

Choose the CORRECT combination

- (a) R, S are true but P, Q are false
- (b) P, S are true but Q, R are false
- (c) Q is true but P, R are false
- (d) P, Q are true but R, S is false

5. Terfenadine is a second generation H_1 antagonist which does not have anti-cholinergic, anti-adrenergic and anti-serotonergic activity due to presence of

- (a) N-phenyl-butanol
- (b) Formation of fexofenadine as active metabolite
- (c) Absence of K^+ channel blocking activity
- (d) All of these

6. A woman needs treatment for an upper respiratory tract infection. Six years ago, she was found to be hypersensitive to penicillin V. Cultures now reveal a strain of *Streptococcus pneumoniae* that is sensitive to all of the following drugs. Which one would be the best choice for the patient

- (a) Amoxicillin
- (b) Erythromycin
- (c) Cefaclor
- (d) Cycloacillin

7. Mechanism of action of calcitonin is

- (a) Inhibits hydroxyapatite crystal formation, aggregation, and dissolution
- (b) Raises intracellular cAMP in osteoclasts
- (c) Activates bone resorption
- (d) Inhibits macrophages



PHARMACIST

ALL INDIA

फार्मासिस्ट Exam के लिए

ISRO, DSSSB, ESIC, AIIMS, RRB, CGHS,
NHM, SECL, NTPC, NCL, SEPOY, ITBP, BCCL,
DHS, State and Central Government
Pharmacist Examination

SOLVED PAPERS

As per the **PHARMACIST EXAM** Syllabus

40

Previous Year Paper

10

Model Paper



Key Features

- ☐ Fully Coloured Book
- ☐ Original Question Papers
- ☐ Authentic Answer Key
Validated with Original
Paper



ALL INDIA

फार्मासिस्ट Exam के लिए

PHARMACIST



40

Previous Year Papers

10

Model Papers

Dr. Peeyush Jaiswal

Director,
GPAT Discussion Center Pvt. Ltd.,
Bilaspur

Dr. Abhishek Tripathi

HOD,
GPAT Discussion Center Pvt. Ltd.,
Bilaspur

Dr. Pradeep Kumar Samal

Associate Professor,
Department of Pharmacy,
Guru Ghasidas Central University, Bilaspur

Ms. Bharti Vaishnaw

Research Scholar
Department of Pharmacy,
Guru Ghasidas Central University, Bilaspur



GDC PUBLICATION

GPAT Discussion Center Pvt. Ltd.

(ISO 9001-2015 Certified Institute)



GDC Publication

3rd Floor, Shiv Hari Towar, Ashok Nagar,
Sarkanda, Bilaspur (C.G.),
Pin code : 495001

AIM Pharmacist (Solved Paper)

As per the Pharmacist Examination

ISBN : 978-81-973484-5-7

Copyright © 2025, By the GDC Publication.

All rights are reserved. No part of this publication may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photo-copying, recording or otherwise), without the prior written permission of the above mentioned publisher of this book.

GDC PUBLICATION has taken due care in collecting the data and providing the solutions, before publishing this book. In spite of this, if any inaccuracy or printing error occurs then GDC PUBLICATION owes no responsibility. GDC PUBLICATION will be grateful if you could point out any such error. Your suggestions will be appreciated.

Any government or Private organization logo, posters, brand product name and image used in this book is for educational purposes only.

Typesetting by :

Team GDC

Composition by :

Vidyadhar Sahu and Chandranayan Sahu

Published by :

GPAT Discussion Center Pvt. Ltd.
Bilaspur, 495001

Price : ₹ 500

Jurisdiction : All disputes with respect to this publication shall be subject to the jurisdiction of the Courts, Tribunals and Forums of Bilaspur Chhattisgarh, India only.

© All rights reserved by GDC PUBLICATION. No part of this book may be reproduced or utilized in any form without the written permission from the publisher.

for further Information about the products from GDC Publication

+91-6263936320, +91-9770765680

www.gdconlinetest.in | www.gdc4gpat.com

gdclive037@gmail.com

Table of Contents

PREVIOUS
YEAR PAPERS

S.No.	Contents	Page No.
1	AIIMS CRE (All India Institute of Medical Sciences) – 2025	1-6
2	Railway Pharmacist – 2025	7-14
3	Bihar Pharmacist – 2025	15-21
4	DSSSB (Delhi Subordinate Services Selection Board) Pharmacist – 2025	22-41
5	MPESB (Madhya Pradesh Employees Selection Board) Pharmacist – 2025	42-47
6	OSSSC (Odisha Sub-Ordinate Staff Selection Commission) Pharmacist – 2024	48-53
7	OSSC (Odisha Staff Selection Commission) Pharmacist – 2024	54-59
8	MPPGCL (Madhya Pradesh Power Generating Company Limited) Pharmacist – 2024	60-65
9	ISRO (Indian Space Research Organization) Pharmacist – 2024	66-69
10	SEPOY Pharmacist – 2024	70-74
11	DMER Maharashtra (Directorate of Medical Education & Research) Pharmacist - 2023	75-82
12	AIIMS PATNA (All India Institute of Medical Sciences) Pharmacist – 2023	83-92
13	AIIMS RAIPUR (All India Institute of Medical Sciences) Pharmacist – 2023	93-99
14	AIIMS BHUBANESWAR (All India Institute of Medical Sciences) Pharmacist – 2023	100-106
15	SAFDARJUNG Hospital Pharmacist – 2023	107-110
16	MPSC (Maharashtra Public Service Commission) Pharmacist – 2023	111-116
17	MPESB (Madhya Pradesh Employees Selection Board) Pharmacist – 2023	117-122
18	UP NHM (Uttar Pradesh, National Health Mission) Pharmacist – 2023	123-128
19	KPSC (Kerala Public Service Commission) Pharmacist – 2022	129-133
20	HPSSC (Himachal Pradesh Staff Selection Commission) Pharmacist – 2022	134-139
21	MP NHM (Madhya Pradesh, National Health Mission) Pharmacist – 2022	140-144
22	AMCP (Ahmedabad Municipal Corporation) Pharmacist – 2022	145-149
23	ISRO (Indian Space Research Organization) Pharmacist – 2021	150-153
24	OSSSC (Odisha Sub-Ordinate Staff Selection Commission) Pharmacist – 2021	154-157

25	DSSSB (Delhi Subordinate Services Selection Board) Pharmacist – 2021	158-163
26	DELHI Government Pharmacist – 2021	164-173
27	DHS ASSAM (Directorate of Health Services) Pharmacist – 2021	174-177
28	MPSC (Madhya Pradesh) Pharmacist – 2020	178-181
29	NTPC (Non-Technical Popular Categories) Pharmacist – 2020	182-184
30	NCL (Northern Coalfields Limited) Pharmacist – 2020	185-188
31	HPSSC (Himachal Pradesh Staff Selection Commission) Pharmacist – 2020	189-194
32	BSSC (Bihar Staff Selection Commission) Pharmacist – 2019	195-199
33	ESIC (Employees State Insurance Corporation) Pharmacist – 2019	200-204
34	RAILWAY Pharmacist – 2019	205-209
35	ITBP (Indo-Tibetan Border Police) Pharmacist – 2019	210-212
36	CGHS DELHI (Central Government Health Scheme) Pharmacist – 2018	213-215
37	ISRO (Indian Space Research Organization) Pharmacist – 2018	216-221
38	CG (Chhattisgarh) Pharmacist – 2017	222-227
39	ESIC (Employees State Insurance Corporation) Pharmacist – 2016	228-232
40	BCCL (Bharat Coking Coal Limited) Pharmacist – 2015	233-236

MODEL PAPERS

1	Model Paper - 1	237-241
2	Model Paper - 2	242-246
3	Model Paper - 3	247-251
4	Model Paper - 4	252-257
5	Model Paper - 5	258-262
6	Model Paper - 6	263-268
7	Model Paper - 7	269-273
8	Model Paper - 8	274-278
9	Model Paper - 9	279-283
10	Model Paper - 10	284-288

PHARMACIST

SECTION-I

PREVIOUS YEAR PAPERS **With Answer Key**

- ☒ **40 Previous Year Paper**
- ☒ **According to Pharmacist
Previous Year Examination**



40

PAPERS





FREE BATCH

for Pharmacist Exam Preparation

Use Batch Code **pharmacy**

to join

Free BATCH & ONLINE TEST

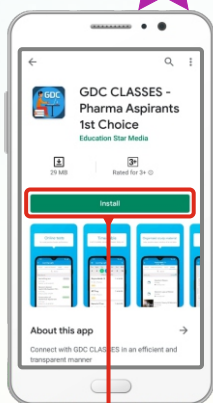
Scan QR Code to download the APP



Download "GDC CLASSES" App
and Join Batch to Get FREE Online Test Series

HOW TO JOIN STEP BY STEP

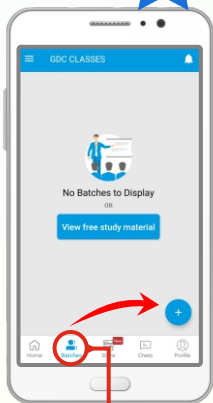
STEP 1



CLICK HERE

Visit to
Playstore
to download
this APP

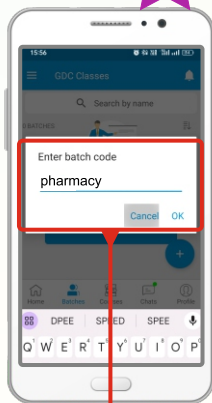
STEP 2



CLICK HERE

After the download of
app open your **GDC
CLASSES** app then
click on the BATCHES &
+sign given in the picture

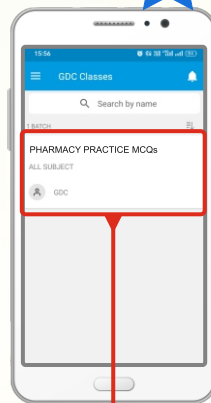
STEP 3



TYPE HERE

Type the given
letters
(BATCH CODE)
as given above to
join the batch

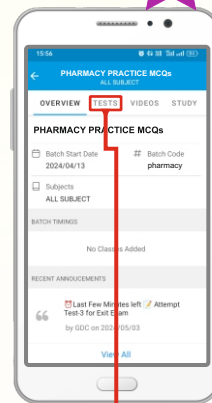
STEP 4



CLICK HERE

Click here to find
your **(PHARMACIST
TEST SERIES)**
as per the schedule

STEP 5



CLICK HERE

Click on the
(Test Section)
to get your test

Free
VIDEO CLASSES
on YouTube Channel



Subscribe The Channel and Click The Bell Icon For More Updated



Boost up your
Preparations!
with GDC



**SCAN
ME!**

AIIMS CRE PHARMACIST-2025

SCAN ME



To Join FREE
Online Test

1. **Half-life of IgG antibodies is**
 - (a) 23 days
 - (b) 6 days
 - (c) 3 days
 - (d) 30 days
2. **Anaphylaxis reactions caused by which antibody**
 - (a) IgG
 - (b) IgA
 - (c) IgE
 - (d) IgM
3. **Most common side effects of Vancomycin**
 - (a) Red Men Syndrome
 - (b) Vomiting
 - (c) Renal impairment
 - (d) Cardiac arrest
4. **Grey Baby Syndrome is caused by which drug**
 - (a) Chloramphenicol
 - (b) Dapsone
 - (c) Vancomycin
 - (d) Amoxicillin
5. **New drug application form filled after**
 - (a) Phase 1
 - (b) Phase 2
 - (c) Phase 3
 - (d) Premarket surveillance
6. **Withdrawal symptom of Benzothiazine**
 - (a) Sleep disturbance, irritability, increased tension and anxiety, depression
 - (b) Seizure attack, dyskinesia
 - (c) Hematuria, dyspnea
 - (d) Gynecomastia, vomiting, vertigo
7. **Which of the following is correct GPCRs Mechanism**
 - (a) Activating an inositol phospholipid signaling pathway via phospholipase C- β (PLC β)
 - (b) Associative substitution or by dissociative substitution
 - (c) Binding of an extracellular ligand causes enzymatic activity on the intracellular side
 - (d) All of these
8. **What does it indicate if a drug concentration-response curve shifts to the left**
 - (a) The drug is less potent
 - (b) The drug is more potent
 - (c) The drug has a shorter duration of action
 - (d) The drug is ineffective
9. **Which of the following is paracrine signaling**
 - (a) Neurotransmitters
 - (b) Hormones
 - (c) It involves signaling molecules acting on nearby cells
 - (d) Protein
10. **ANDA (Abbreviated New Drug Application) is required for which of the following studies**
 - (a) Clinical trials for new drug approval
 - (b) Bioequivalence studies for generic drugs
 - (c) Preclinical animal testing
 - (d) Post-marketing surveillance
11. **Drug for postpartum depression is**
 - (a) Trazodone
 - (b) Tramadol
 - (c) Primidone
 - (d) Methadone
12. **Which of the following statement is true about protein binding**
 - (a) Albumin binds acidic drug and Alpha acid glycoprotein binds Basic drugs
 - (b) Binds permanently
 - (c) Increased stimulated effect
 - (d) None of these
13. **SGLT2 works by which mechanism**
 - (a) Inhibiting Co-transportation
 - (b) Drug transportation without ion bonding
 - (c) Stimulation of insulin secretion from pancreatic beta cells
 - (d) Facilitating active transport of glucose into the bloodstream



RAILWAY PHARMACIST-2025

SCAN ME

To Join FREE
Online Test

- For image formation by a concave mirror, which of the following statements is true**
 - The nature of the image is real and erect when the object is at the centre of curvature.
 - An object placed at the focus forms a highly diminished image.
 - At the centre of curvature, the size of the image is the same as the size of the object
 - The size of the image is enlarged when the object is placed at infinity.
- The Indian government launched a new digital health initiative in 2025, to improve healthcare accessibility and interoperability of medical data. What is the name of this initiative**
 - Bharat AI Health Grid
 - National Health Stack Expansion
 - Ayushman Bharat Digital Mission 2.0
 - Digital India Healthcare 2025
- Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that DOES NOT belong to that group (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)**
 - EA – JV
 - MQ – RK
 - CO – HJ
 - ZS – EN
- Which of the following sexual maturation changes occur in females**
 - The breasts begin to grow
 - Skin decreased oil production
 - Stop of the menstrual cycle
 - Narrowing of hips
- Which of the following statements about sensitivity in plants is INCORRECT**
 - Plants exhibit phototropism by growing towards the light source.
 - Chemotropism is the growth response of plants to chemical stimuli in their environment
 - Plants have specialized Nervous tissues for conducting information.
 - Thigmotropism is the response of plants to touch or physical contact
- Which of the following sacrificed their lives for the protection of Khejri trees**
 - Savita Devi Bishnoi
 - Sunita Devi
 - Amrita Devi Bishnoi
 - Sunita Willium
- Under Article 74 of the Indian Constitution, the Union Council of Ministers is mandated to aid and advise which authority**
 - The Supreme Court of India
 - The Lok Sabha Speaker
 - The Prime Minister of India
 - The President of India
- Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 49 m and 94 m. take $\pi = \frac{22}{7}$**
 - 149
 - 163
 - 159
 - 154
- Which of the following options is true about carbon compound combustion**
 - Burns without oxygen
 - Needs more oxygen for complete combustion
 - Never produces water
 - Always forms carbon monoxide



BIHAR PHARMACIST-2025

SCAN ME

To Join **FREE**
Online Test

- The consensus sequence contained in second recognition site in the promoter region of DNA during transcription in prokaryotes is _____
(a) TTGACA (b) TATAAT
(c) TAGACA (d) TATATA
- What principle is used in a cyclone separator for particle separation
(a) Electrostatic attraction
(b) Filtration
(c) Diffusion
(d) Centrifugal force
- What is the minimum area (in square metres) required to start a retail pharmacy
(a) 10 (b) 20
(c) 15 (d) 5
- डॉक्टरों से इंटरैक्ट करते समय एक मेडिकल रिप्रेजेंटेटिव में कौन-सा गुण होना आवश्यक है
(a) लंबा प्रेजेंटेशन देना
(b) आई कॉन्टेक्ट न करना
(c) आक्रामक स्पीच देना
(d) विनम्र एवं सटीक रूप से विश्वासप्रद कम्युनिकेशन करना
- What is the main objective of Good Manufacturing Practices (GMP)
(a) To ensure consistent quality and safety of medicinal products
(b) To increase marketing of products
(c) To reduce cost of production
(d) To improve product packaging designs
- What is the brand name of a drug also known as
(a) Chemical name
(b) USAN (United States Adopted Name)
(c) Generic name
(d) Trade name
- Which of the following organs is the primary route for the excretion of most drugs
(a) Kidney (b) Lungs
(c) Skin (d) Liver
- Thiocyanate toxicity, due to their excretion in the kidney, is produced by
(a) Methyl dopa
(b) Ethacrynic acid
(c) Propranolol
(d) Sodium nitroprusside
- वह विरचन (Preparation) जिसमें आंतरिक और बाह्य दोनों लेबलों में चेतावनीपूर्ण लेबल होना चाहिए वह _____ है
(a) हेयर कंडीशनर (Hair Conditioner)
(b) हेयर रिवाइटलाइजर (Hair Revitalizer)
(c) हेयर शैम्पू (Hair Shampoo)
(d) हेयर डाय (Hair dye)
- Centrifugation separates components of a mixture based on _____
(a) Density and/or particle size
(b) Density and viscosity
(c) Particle shape and size
(d) Temperature and solubility
- Select the most appropriate statement regarding the difference between ointments and pastes
(a) Ointments are generally less greasy in nature than pastes.
(b) Ointments are generally more viscous than pastes.
(c) Ointments are generally stiffer in nature than pastes.
(d) Ointments generally contain less concentration of solids than pastes



DSSSB PHARMACIST-2025

SCAN ME

To Join FREE
Online Test

1. What should come in place of the question mark (?) in the following series?

?, 9, 36, 108, 432, 1296

- (a) 6 (b) 2 (c) 3 (d) 1

2. A, B, C, D, K, L and M are sitting around a circular table, facing the centre of the table. C sits third to the left of B. M sits second to the left of K. Only B sits between A and M. L is not an immediate neighbour of C. How many people sit between D and M when counted from the right of D?

- (a) Four (b) Three
(c) Two (d) One

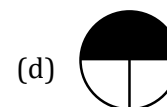
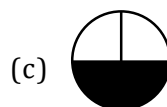
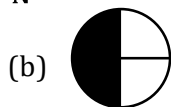
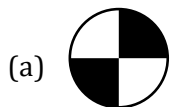
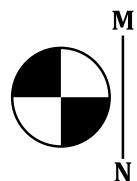
3. In a certain code language, 'ear earth fig' is coded as 'lb xg vb' and 'chart fig kin' is coded as 'jn ze xg'. How is 'fig' coded in the given language?

- (a) jn (b) vb (c) lb (d) xg

4. Based on the English alphabetical order, three of the following four letter-clusters pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/ vowels or their position in the letter-cluster.)

- (a) PS-RU (b) BE-GM
(c) UX-WZ (d) DG-FI

5. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



6. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(35, 16, 361)

(37, 19, 324)

- (a) (38, 20, 356) (b) (46, 32, 225)
(c) (29, 12, 289) (d) (31, 16, 256)

7. Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

GDG: KHK

YVY: CZC

- (a) WTW: ZXZ (b) WSU: ZWZ
(c) WTW: AXA (d) WSU: AXA

8. Each of E, F, G, H, W, X and Y has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. F has exam on Friday. Only two people have exam between X and F. Only four people have exam between E and X. Y has exam immediately after G. H doesn't have exam on Monday. How many people have exam between H and W?

- (a) One (b) Three
(c) Two (d) Four



196. Elixirs are

- (a) Oleaginous solutions in the form of coarse droplets
- (b) Solutions containing 80% alcohol
- (c) Hydroalcoholic preparations intended for oral use
- (d) Concentrated aqueous preparation of sugar

197. In preformulation, the partition coefficient of a drug indicates the

- (a) Drug taste
- (b) Drug distribution between aqueous and lipid phases
- (c) Drug solubility in water
- (d) Drug colour

198. What is the purpose of a disintegrant in tablet formulation

- (a) To improve the stability of the tablet

- (b) To help the tablet break apart and dissolve in the body
- (c) To enhance the flavour of the tablet
- (d) To increase the shelf life of the tablet

199. Which of the following semi-solid dosage forms is designed to melt at body temperature

- (a) Ointment
- (b) Gel
- (c) Paste
- (d) Suppository

200. What is the primary purpose of preformulation studies in pharmaceuticals?

- (a) To assess the cost-effectiveness of drug production
- (b) To develop marketing strategies for the drug
- (c) To prepare a drug for clinical trials
- (d) To evaluate the physical and chemical properties of a drug

ANSWER KEY

1-c	2-c	3-d	4-b	5-a	6-c	7-c	8-d	9-b	10-d
11-a	12-d	13-a	14-d	15-a	16-a	17-d	18-b	19-a	20-d
21-c	22-b	23-b	24-c	25-d	26-c	27-d	28-c	29-b	30-d
31-d	32-b	33-b	34-c	35-c	36-a	37-a	38-b	39-b	40-a
41-d	42-a	43-c	44-d	45-c	46-b	47-a	48-d	49-c	50-b
51-b	52-a	53-b	54-c	55-a	56-d	57-d	58-c	59-a	60-b
61-a	62-a	63-c	64-a	65-a	66-a	67-d	68-b	69-c	70-d
71-b	72-b	73-b	74-a	75-a	76-c	77-a	78-d	79-d	80-c
81-a	82-c	83-a	84-c	85-b	86-b	87-b	88-d	89-a	90-c
91-b	92-a	93-c	94-b	95-b	96-c	97-c	98-a	99-a	100-d
101-d	102-c	103-d	104-d	105-a	106-c	107-c	108-d	109-c	110-a
111-a	112-b	113-a	114-c	115-a	116-a	117-a	118-d	119-b	120-c
121-c	122-d	123-a	124-b	125-c	126-c	127-d	128-a	129-d	130-d
131-a	132-d	133-d	134-b	135-a	136-d	137-b	138-d	139-c	140-b
141-b	142-a	143-d	144-a	145-a	146-b	147-a	148-b	149-c	150-a
151-b	152-a	153-c	154-a	155-b	156-b	157-a	158-c	159-b	160-d
161-c	162-a	163-a	164-c	165-d	166-d	167-b	168-c	169-a	170-c
171-a	172-b	173-c	174-a	175-c	176-a	177-a	178-d	179-d	180-d
181-b	182-a	183-c	184-a	185-c	186-b	187-d	188-a	189-c	190-d
191-c	192-a	193-d	194-c	195-d	196-c	197-b	198-b	199-d	200-d



MPEB PHARAMCIST-2025

SCAN ME

To Join FREE
Online Test

- स्वार्थ में मनुष्य भले-बुरे की समझ नहीं रखता है। इस वाक्य में रेखांकित पद का अर्थ क्या है
(a) अच्छे और बुरे (b) बड़े बुरे
(c) ज्यादा (d) अच्छे या बुरे
- Fill in the blank with the correct option
He _____ always be remembered for his great contributions to social welfare
(a) may (b) would be
(c) will (d) would
- Which city hosted the Ashtalaxmi Mahotsava 2024
(a) Goa (b) Varanasi
(c) Chandigarh (d) New Delhi
- Fill in the blank with an appropriate conjunction
Late Prime Minister Atal Bihari Vajpayee's birthday week was celebrated in the last week of December ____ the schools and colleges were asked to organize programs to showcase his life
(a) SO (b) while
(c) since (d) when
- When 32 is written in simplest-fraction from the sum of numerator and the denominator is
(a) 33 (b) 29 (c) 35 (d) 30
- In which city, the Tomb of Tansen is located of Madhya Pradesh
(a) Guna (b) Gwalior
(c) Bhopal (d) Jabalpur
- When a positive integer a is divided by 3, the possible value of remainder are
(a) 1,2 (b) 0,1,2
(c) 0,1 (d) only 0
- निम्न में से किस लोकोक्ति का अर्थ 'अपनी औकात देखकर ही खर्च करो' होगा
(a) जितने मुँह उतनी बातें
(b) जितना ही गुड़ डालो, उतना ही मीठा
(c) जिसे पिया चाहे वही सुहागन
(d) तेते पौव पसारिए, जेते लंबी सौर
- The marked price of a bag and a wallet is Rs. $(y + 300)$ and Rs. $(z + 400)$ respectively. The shopkeeper sold them at a discount of 20% and 25% respectively to Anurag for a total of Rs. 1635. The average value of y and z is 700. How much more or less would the bag and wallet together have cost Anurag, if the shopkeeper had reversed the discount rate for the bag and wallet
(a) Rs. 10 less (b) Rs. 25 more
(c) Rs. 15 less (d) Rs. 20 more
- Find the average of the following set of numbers 75, 78, 83, 87, 92
(a) 84 (b) 83 (c) 82 (d) 81
- Which of the following methods helps to separate glycerol from spent lye in the soap industry
(a) Distillation under reduced pressure
(b) Fractional distillation
(c) Distillation under high pressure
(d) Steam distillation
- The sum of the digits of a two-digit number is 9. If the digits are reversed then the number is increased by 45. Find the number
(a) 18 (b) 45 (c) 27 (d) 81
- Five Girls A, B, C, D and E are standing in row facing South but not necessary in the same order only B is between A and E, C is immediate right to E and D is immediate left to A. On the basis of above information which of the following statement is definitely TRUE
(a) B is to the left of A/B, A
(b) A is second to the left of E / A, E
(c) B is to the right of E / B, E
(d) D is third to the left of E / D, E



OSSSC PHARMACIST-2024

SCAN ME

To Join FREE
Online Test

1. What is used as a vulcanising agent in rubber for the construction of closures for the packaging of pharmaceuticals
 - (a) Sulphur
 - (b) Zinc stearate
 - (c) Mineral oils
 - (d) Talc
2. In the process of mechanical size reduction, which of the following mill works on the principle of impact
 - (a) Bohr stone mill
 - (b) Hammer mill
 - (c) Edge runner mill
 - (d) End runner mill
3. Which of the following statements describes the disadvantage of using water as a solvent in the extraction of the drug
 - (a) It is very cheap
 - (b) It is non-toxic
 - (c) It leads to the hydrolysis of many substances
 - (d) It can dissolve a wide range of chemical substances
4. Name the process of removing the water of crystallization from the hydrated crystalline substances and making them anhydrous
 - (a) Lyophilisation
 - (b) Desiccation
 - (c) Ignition
 - (d) Exsiccation
5. For the drying processes, in which type of dryer the gas is allowed to flow upward through a bed
 - (a) Rotary dryer
 - (b) Fluidised bed dryer
 - (c) Drum dryer
 - (d) Spray dryer
6. Which part of prescription contains prescriber's directions to the pharmacist regarding the dosage form to be prepared and number of doses to be dispensed
 - (a) Signatura
 - (b) Date
 - (c) Subscription
 - (d) Inscription
7. Which of the following factor affect the dose and action of a drug in an individual
 - I. Route of administration
 - II. Body weight
8. _____ are viscous liquid preparations used for mouth and throat infections
 - (a) Throat paints
 - (b) Drops
 - (c) Sprays
 - (d) Enemas
9. Which of the following drug is present in an antibiotic ointment
 - (a) Salicylic acid
 - (b) Neomycin
 - (c) Zinc oxide
 - (d) Silicones
10. What are the injections given in the subcutaneous tissue under the skin of the upper arm called
 - (a) Intravenous injection
 - (b) Intradermal injection
 - (c) Hypodermic injection
 - (d) Intramuscular injection
11. What is used as a disinfectant of water
 - (a) Methanol
 - (b) Chlorine
 - (c) Phenol
 - (d) Boric acid
12. Is the science of poisons which are harmful, dangerous or fatal to human
 - (a) Pharmacodynamics
 - (b) Pharmacy
 - (c) Toxicology
 - (d) Pharmacoeconomics
13. _____ is defined as the amount or percentage of an active drug that is absorbed from a given dosage form
 - (a) Bioavailability of a drug
 - (b) Biotransformation of a drug
 - (c) Renal excretion of a drug
 - (d) Retarding drug metabolism
14. For drug receptors, receptor, is a measure of the strength of binding between the drug and its
 - (a) Partial agonist
 - (b) Affinity
 - (c) Antagonist
 - (d) Potency



OSSC PHARMACIST-2024

SCAN ME

To Join FREE
Online Test

1. Which factor can influence the rate of drug absorption
 - (a) Drug metabolism
 - (b) Food in the stomach
 - (c) Excretion rate
 - (d) Distribution to tissues
2. The range of bacterial species a particular antibiotic can target is known as
 - (a) Antibiotic resistance
 - (b) Antibiotic culture
 - (c) Antibiotic spectrum
 - (d) Antibiotic nourishment
3. Insulin is responsible for maintenance of
 - (a) Blood Glucose level
 - (b) Blood platelet level
 - (c) Blood Plasma level
 - (d) Cerebrospinal fluid level
4. Thyroxine Stimulating Hormone is released by
 - (a) Parathyroid gland
 - (b) Thyroid gland
 - (c) Pineal gland
 - (d) Pituitary gland
5. Which of the following is not a disease but a symptom
 - (a) Typhoid
 - (b) Dengue
 - (c) Measles
 - (d) Tachycardia
6. The process of drug metabolism often involves the conversion of lipophilic drugs into
 - (a) More water-soluble compounds
 - (b) Into less water-soluble compounds
 - (c) Into complex compounds
 - (d) More lipophilic compounds
7. Which of the following protects Cardiac system
 - (a) Ribs
 - (b) Stomach
 - (c) Femur
 - (d) Stapes
8. Total Number of bones in adult human body are
 - (a) 125
 - (b) 206
 - (c) 302
 - (d) 256
9. OTC stands for
 - (a) Over-The-Counter
 - (b) On-The-Clock
 - (c) Out-of-The-Country
 - (d) Over-the-cabinet
10. Medication taken for prevention of a disease is known as
 - (a) Pre-workout drug
 - (b) Prophylactic drug
 - (c) Early drug
 - (d) Recharge drug
11. Geometric isomerism is most commonly observed in compounds with
 - (a) Single bonds
 - (b) Triple bonds
 - (c) Cis-trans configuration
 - (d) Aliphatic structures
12. Which dosage form is specifically designed for delivering medication directly into the rectum
 - (a) Suppository
 - (b) Lozenge
 - (c) Troche
 - (d) Sublingual tablet
13. Maximum amount of food absorption takes place in
 - (a) Mouth
 - (b) Stomach
 - (c) Oesophagus
 - (d) Intestine
14. How many sensory organs are present in human body
 - (a) 5
 - (b) 6
 - (c) 7
 - (d) 8
15. Which of the following has a specialization to treat cancer
 - (a) Orthopaedic
 - (b) Paediatric
 - (c) Oncologist
 - (d) Pulmonologist
16. Which of the following is a transition metal
 - (a) Sodium (Na)
 - (b) Copper (Cu)
 - (c) Chlorine (Cl)
 - (d) Carbon (C)
17. Which type of reaction is used to convert an alkane to an alkene
 - (a) Hydrogenation
 - (b) Substitution
 - (c) Elimination
 - (d) Addition



MPPGCL PHARMACIST-2024

SCAN ME

To Join FREE
Online Test

1. Which of the following is an example of bacterial live attenuated vaccine
 - (a) Typhoid vaccine
 - (b) Polio vaccine
 - (c) Yellow fever vaccine
 - (d) Small pox vaccine
2. _____ is referred to as the minimal length of time whereby all microbes present in a liquid culture medium will be killed at a given temperature
 - (a) Thermal death point
 - (b) Decimal reduction time
 - (c) Thermal death time
 - (d) Decimal death time
3. In the imperial system, one drop is known as
 - (a) 1 fluid drachm
 - (b) 1 minim
 - (c) 1 fluid ounce
 - (d) 1 scruple
4. According to the Hindu lunar calendar, Holi is celebrated on which of the following days
 - (a) Phalgun Purnima
 - (b) Magha Purnima
 - (c) Chaitra Amavasya
 - (d) Paush Tritiya
5. Meta filter is a type of filters
 - (a) Vacuum
 - (b) Gravity
 - (c) Pressure
 - (d) Partition
6. HF 11 is related to DI 20 in a certain way. UD 6 is related to QG 15 in the same manner. Following the same logic A. MJ 2 is related to which of the following
 - (a) JN 9
 - (b) IN 11
 - (c) IN 9
 - (d) JM 9
7. Which of the following evaluations has to be done for tablets for evaluating mechanical shock-withstanding capacity during manufacture
 - (a) Unique identification marking
 - (b) Hardness and friability
 - (c) Disintegration
 - (d) Weight variation
8. HCF of two numbers. And L.S.P. 4 and 1368. If the ratio of the numbers is 1819, then what will be the sum of these two numbers
 - (a) 148
 - (b) 200
 - (c) 185
 - (d) 111
9. Select the most appropriate verb to fill in the blank. Currently, Devan _____ a response to Mohan's question
 - (a) Was typing
 - (b) Has been typing
 - (c) Is typing
 - (d) Types
10. Which of the following is a chemical process of sterilisation
 - (a) Gas sterilisation
 - (b) Moist heat sterilisation
 - (c) Dry heat sterilisation
 - (d) Ionising radiations
11. Polyethylene materials are used to make _____ packaging materials
 - (a) Plastic
 - (b) Metal
 - (c) Glass
 - (d) Rubber
12. The brownish colouration produced in the limit test for heavy metal is due to the formation of corresponding
 - (a) Mercaptans
 - (b) Sulphides
 - (c) Thioglycolate
 - (d) Arsenates
13. Which of the following formulation is obtained through mixing of immiscible liquids
 - (a) Linctuses
 - (b) Emulsions
 - (c) Pastes
 - (d) Sachets
14. Weight in volume (w/v) solutions have
 - (a) One part by weight of solute in 100 parts by volume of solvent
 - (b) One part by volume of solute in 100 parts by volume of solvent
 - (c) One part by weight of solute in 100 parts by weight of solvent
 - (d) One part by volume of solute in 100 parts by weight of solvent



ISRO PHARMACIST-2024

SCAN ME

To Join FREE
Online Test

1. **Latin word for Half is**
(a) Sus (b) Ss
(c) Ad (d) TDS
2. **Thixotropy is desirable in case of**
(a) Solutions (b) Ointments
(c) Tablets (d) Suspensions
3. **The plastic polymer which is used for the preparation of eye ointment tubes**
(a) Polyethylene (b) Polyvinyl chloride
(c) Polystyrene (d) Polypropylene
4. **Which drug may decrease iodide uptake by thyroid**
(a) Repaglinide (b) Rosiglitazone
(c) Glipizide (d) Tolbutamide
5. **Which of the following anti-arrhythmic drug acts by inhibiting potassium, sodium and calcium channels**
(a) Quinidine (b) Lignocaine
(c) Amiodarone (d) Flecainide
6. **Identify the liquid alkaloid**
(a) Nicotine (b) Strychnine
(c) Quinine (d) None of these
7. **Which of the following antibiotic is not given orally**
(a) Amikacin (b) Ciprofloxacin
(c) Amoxicillin (d) Co-trimoxazole
8. **The anti-tubercular drug inhibits RNA synthesis is**
(a) Streptomycin (b) Ethambutol
(c) Rifampicin (d) None of these
9. **Redman syndrome is associated with which of the following drug**
(a) Vancomycin (b) Linezolid
(c) Azithromycin (d) Rifamycin
10. **Spot the wrong statement about the Temporomandibular joint**
(a) It is a bilateral joint
(b) It is a sliding hinge joint
(c) Mandible forms joints on both sides of skull
(d) One sided joint that can be moved without moving the other
11. **Lignocaine is effective in following Cardiac arrhythmias**
(a) Paroxysmal supra ventricular tachycardia
(b) Digitalis induced ventricular extra systoles
(c) Atrial fibrillation
(d) All of these
12. **The initial dose of drug through IV bolus to achieve desirable plasma concentration at once is known as**
(a) Loading dose (b) Maintenance dose
(c) Replacement dose (d) Degradation dose
13. **Which of the following compounds is commonly used as an antiseptic in mouth washes and tooth pastes**
(a) Borax (b) Saltpeter
(c) Hydrogen peroxide (d) Sodium chloride
14. **Schedule 'P' of the drugs and cosmetic rules leads with**
(a) Standard of cosmetics
(b) Life period of drugs
(c) List of prescription of drugs
(d) Standard for disinfectant fluids
15. **The clinical trial details are given in**
(a) Schedule K (b) Schedule A
(c) Schedule M (d) Schedule Y
16. **Dry cough is a common side effect of**
(a) Atropine (b) Enalapril
(c) Vitamin C (d) Lozenges
17. **Drops are used in Otic cavity**
(a) Eye (b) Ear
(c) Nasal (d) None of these
18. **Standards of disinfectant fluid comes under**
(a) Schedule O (b) Schedule P
(c) Schedule H (d) Schedule R



SEPOY
PHARMACIST-2024

SCAN ME

To Join FREE
Online Test1. **Bilirubin level is increased in which disease**

- (a) Jaundice
- (b) Inflammatory bowel disease
- (c) Gastroparesis
- (d) Hiatal hernia

2. **Subscription is**

- (a) Sign of healing
- (b) Direction to doctor
- (c) Direction to pharmacist
- (d) Direction to patient

3. **Schedule M related with**

- (a) Standards for surgical dressings
- (b) Drugs to be sold on prescription only
- (c) Good manufacturing practices
- (d) Standards for medical devices

4. **Size of capsule for human use**

- (a) 1 to 10
- (b) 0.1 to 1
- (c) 000 to 5
- (d) 5 to 25

5. **Senna and digitalis contain**

- (a) Alkaloids
- (b) Glycosides
- (c) Tannin
- (d) Resin

6. **Biotransformation is known as**

- (a) Metabolism
- (b) Absorption
- (c) Excretion
- (d) Distribution

7. **In a EOQ formula**

$$EOQ = \sqrt{\frac{2 \times R \times O}{C}}$$

- (a) R = Running cost, O = Ordering cost, C = Capacity cost
- (b) R = Return cost, O = Ordering cost, C = Compliance cost
- (c) R = Usage, O = Ordering cost, C = Carrying cost
- (d) R = Usage, O = Offer cost, C = Carrying cost

8. **Buffer stock**

- (a) Half of the actual stock
- (b) Minimum stock level below which actual stock should not fall
- (c) At which the ordering process should start
- (d) Maximum stock in inventory

9. **Chemical name of Paracetamol**

- (a) Acetaminophen or para-amino phenol
- (b) p-hydroxy phenol
- (c) p-oxy phenol
- (d) o,p-amino phenol

10. **Parenteral anticoagulant is**

- (a) Warfarin
- (b) Lepirudin
- (c) Dabigatran
- (d) Low molecular weight Heparin

11. **A normal ECG report must consist of the following information**

- (a) Rhythm, cardiac axis
- (b) Conduction intervals
- (c) Description of the ST segments, QRS complexes, T-waves
- (d) All of these

12. **Size of WBC (Diameter)**

- (a) 12–17 μm
- (b) 25 μm
- (c) 30 μm
- (d) 50 μm

13. **The process of breakdown of glycogen to glucose is called**

- (a) Glucuronidation
- (b) Glycolysis
- (c) Glycogenolysis
- (d) Gluconeogenesis

14. **Vitamin B₁₂ use for prevention of**

- (a) Night blindness
- (b) Pernicious anemia
- (c) Goiter
- (d) Beriberi

15. **Which of the gland store iodine**

- (a) Pituitary gland
- (b) Thyroid gland
- (c) Adrenal gland
- (d) Thalamus



DMER PHARMACIST-2023

SCAN ME

To Join FREE
Online Test

1. अलेक्झांडर फ्लेमिंगने कोणत्या वर्षी मोल्ड पेंसिलियम नोटॅटमपासून पेनिसिलिनला विलग केले?
(a) 1925-26 (b) 1930-31
(c) 1876-77 (d) 1928-29
2. _____ has FDA approval since 1955 and is one of the first agents developed to treat hypertension in clinical practice.
(a) Germicides (b) Antipyretics
(c) Antiseptics (d) Reserpine
3. Broad-spectrum antibiotics are those antibiotics, which kill a _____ range of disease causing microorganisms?
(a) Less (b) Wide
(c) Narrow (d) Very less
4. _____ is probably the most complex structure in the known universe?
(a) Human digestion system
(b) Human Heart
(c) Human Brain
(d) Human Eye
5. Drugs and Cosmetics Act 1940 was originally known as?
(a) Drugs act-1940 (b) Drugs act-1935
(c) Cosmetics act - 1935 (d) Cosmetics act - 1940
6. Scientific study of drugs and their use in medicine is known as?
(a) MBBS (b) Dressing
(c) Nursing (d) Pharmacology
7. It is a system for ensuring that products are consistently produced and controlled according to quality standards. Which is being discussed here?
(a) Good making producer (GMP)
(b) Good making practice (GMP)
(c) Good manufacturing producer (GMP)
(d) Good manufacturing practice (GMP)
8. The Indian Pharmacopoeia Commission (IPC) has become fully operational as an Autonomous Body from which of the following year?
(a) 2019 (b) 2017
(c) 2016 (d) 2018
9. Indian Pharmacopoeia (IP) is published by Which of the following institution?
(a) Ministry of health and family education
(b) Indian Pharmacopoeia Commission
(c) Ministry of pharmaceuticals
(d) Ministry of health and family welfare
10. Hospital pharmacists are not responsible for which of the following?
(a) Hospital pharmacist are not responsible to treat patient in OPD
(b) Monitoring the supply of all medicines used in the hospital
(c) Hospital pharmacist are responsible to treat patient in OPD
(d) Hospital pharmacists are in charge of their medication stock
11. Their cost is lowest of all oral dosage forms. The price for this dosage form is low when compared to other dosage forms. Which dosage form is being discussed here?
(a) Injection (b) Syrup
(c) Tablet (d) Drop
12. It is a term globally used to denote the pharmacy setup where pharmacist comes directly in contact with the patients. Which type of pharmacy is being discussed here?
(a) Clinical Pharmacy
(b) Individual Pharmacy
(c) Community Pharmacies
(d) Hospital pharmacy



82. खालीलपैकी कोणत्या शास्त्रज्ञाला मलेरियाचा परजीवी सापडला आणि ज्याने मानवांमध्ये मलेरियाच्या परजीवीच्या संक्रमणामध्ये नाफिलिस डासांची भूमिका सिद्ध केली?

- (a) जेन गुडॉल (b) रोनाल्ड रॉस
(c) रोज़लिनड फ्रँकलिन (d) लुई पाश्चर

83. ज्याप्रमाणे दुसरा शब्द पहिल्या शब्दाशी आणि चौथाब्द तिसऱ्या शब्दाशी संबंधित आहे, त्याच प्रमाणे पाचव्याब्दाशी संबंधित असलेला पर्याय निवडा.
वनस्पतिशास्त्र : रोपे :: मृदाशास्त्र : माती :: कीटकशास्त्र : ?

- (a) दगड (b) किडे
(c) शिंपले (d) ऑक्टोपस

84. एका विशिष्ट सांकेतिक भाषेत, जर '&' म्हणजे 'बेरीज', '#' म्हणजे 'गुणाकार', '@' म्हणजे 'भागाकार' आणि '%' म्हणजे 'वजाबाक्की' असेल, तर 24 @ 6 & 11% (45% 19) & (76 @ 19) # (7 # 3) चे मूल्य किती आहे?

- (a) 81 (b) 62
(c) 83 (d) 73

85. ज्याप्रमाणे दुसरा अक्षर समूह पहिल्या अक्षर समूहाशी आणि चौथा अक्षर समूह तिसऱ्या अक्षर समूहाशी संबंधित आहे, — त्याचप्रमाणे पाचव्या अक्षर समूहाशी संबंधित असलेला पर्याय निवडा.

CHORUS: PIDTVS: : MOSAIC : TPNJJB: : MINUTE:?

- (a) OJVUFN (b) PJOFUV
(c) OJNFUV (d) OKNGUV

86. एका घन धात्विक दंडगोलाची त्रिज्या 15 cm आहे आणि त्याचे एकूण पृष्ठफळ $770\pi \text{ cm}^2$ आहे. त्याला वितळवण्यात येते आणि त्यापासून 10 cm त्रिज्येचा घन दंडगोल बनवला जातो. अशा प्रकारे नव्याने तयार केलेल्या दंडगोलाची उंची किती असेल?

- (a) 25 cm (b) 20 cm
(c) 24 cm (d) 18 cm

87. खालील मालिकेत प्रश्नचिन्हाच्या (?) जागी येणारे पद दिलेल्या पर्यायांतून निवडा.

GYK-5, HAN-13, ICQ-29, JET-61, ?

- (a) KHW-123 (b) KGW-122
(c) KGX-121 (d) KGW-125

88. खालीलपैकी कोणत्या शास्त्रज्ञाला जैविक विज्ञान क्षेत्रातील योगदानाबद्दल 2021 चे विज्ञान आणि तंत्रज्ञानासाठी शांती स्वरूप भटनागर पारितोषिक मिळाले?

- (a) डॉ देबदीप मुखोपाध्याय
(b) डॉ अनिश घोष
(c) डॉ बिनॉय कुमार सैकिया
(d) डॉ. अमित सिंग

89. जर शीला ही माझ्या पत्नीच्या पतीची बहीण आहे, तर शीलाच्या वडिलांचे माझ्या मुलीशी कोणते नाते आहे?

- (a) चुलता (b) भाऊ
(c) वडीलांचे वडील (d) वडील

90. एका आयताची परिमिती 82cm आहे आणि त्याचे क्षेत्रफळ 400 cm^2 आहे. त्या आयताच्या कर्णावर काढलेल्या चौरसाचे क्षेत्रफळ (cm^2 मध्ये) किती आहे?

- (a) 881 (b) 880
(c) 850 (d) 841

91. खालील आकडेवारीचा मध्यक काय आहे?

मिळालेले गुण	10 पेक्षा कमी	20 पेक्षा कमी	30 पेक्षा कमी	40 पेक्षा कमी	50 पेक्षा कमी
विद्यार्थ्यांची संख्या	12	20	35	48	60

- (a) 27.2 (b) 26.7
(c) 24.8 (d) 25.6

92. मे 2023 पर्यंतच्या माहितीनुसार, मणिपूरचे 12 वे मुख्यमंत्री श्री. नॉन्नाथोम्बम बिरेन सिंह हे खालीलपैकी कोणत्या राजकीय पक्षाचे सदस्य आहेत?

- (a) नॅशनल पीपल्स पार्टी
(b) भारतीय राष्ट्रीय काँग्रेस
(c) भारतीय जनता पक्ष
(d) भारतीय कम्युनिस्ट पक्ष

93. एका दंडगोलाकार टाकीचे वक्रपृष्ठफळ 5.28 m^2 आहे आणि तिची अंतर्गत खोली 140 cm आहे. त्या टाकीची साठवण क्षमता(लिटरमध्ये) किती असेल ? ($\pi = 22/7$ घ्या)

- (a) 1778 (b) 1854
(c) 1584 (d) 1572

94. "ग्लायकोलिसिस" प्रक्रियेतून अल्प प्रमाणात ऊर्जा मिळते, जी _____ च्या एककात मोजली जाते.

- (a) PAT (b) ATP
(c) PTA (d) ACP



AIIMS PATNA PHARMACIST-2023

SCAN ME

To Join **FREE**
Online Test

- Which of the following is not a feature of Covalent Bonding**
 - More than one pair of electrons may be shared by the concerned atoms
 - The formation of sodium chloride (NaCl) from one atom of sodium (Na) and an atom of chlorine (Cl) is an example
 - The process of sharing electrons does not produce ions
 - The combining atoms may belong to the same element or different elements
- Match the following and mark the correct answer**

1. Alcohols	A. Peracetic acid
2. Colorants	B. Ethanol
3. Peroxides	C. Chlorhexidine
4. Biguanides	D. Ethacridine lactate

 - 1-A, 2- D, 3-C, 4- B
 - 1-B, 2-A, 3-D, 4- C
 - 1-B, 2- D, 3- A, 4- C
 - 1-B, 2- C, 3-D, 4- A
- In which of the following is the antimicrobial agent bactericidal in nature**
 - Chloramphenicol
 - Erythromycin
 - Cephalosporins
 - Ethambutol
- The skeleton in the human body makes up almost how much of a healthy body's weight**
 - One-fifth
 - One-third
 - Three-fourth
 - Two-fourth
- Which of the following is/are the key principles of a Damage Assessment Survey**
 - Listen
 - Understand
 - Look
 - Action
 - Only 2, 3 and 4
 - All 1, 2, 3 and 4
 - Only 1, 2 and 3
 - Only 1, 2 and 4
- Which of the following correctly defines Pharmacognosy**
 - Branch of pharmacy which plays key role in new drug discovery and development by using natural products
 - It describes the medical treatments that are used instead of traditional therapies
 - It employs treatment modalities such as purification, palliation, exercises and diets
 - It treats a patient with diet, massages, surgery and pharmacotherapy
- Which of the following is the correct definition of Bio Ethics**
 - It refers to the study of moral beliefs of the people
 - It deals with origin of ethical principles that govern the specification of right and wrong behavior
 - The ethical principles or codes designed for a medical profession
 - These are the ethical principles or codes for maintaining normal livelihood
- Which of the following is true about the elected members of the Pharmacy Council of India**
 - Five members elected by the University Grant Commission (U.G.C)
 - One member elected by State Council, who shall be a registered Pharmacist
 - Two members elected by Medical Council of India
 - Only 1 and 2
 - Only 1 and 3
 - Only 1
 - Only 2
- Which of the following is a function of Management**
 - It makes use of the conceptual and human skills
 - It decides what is to be done and when it is to be done
 - The decisions are influenced by the values, opinions, and beliefs of the managers
 - It is concerned with formulation of broad objectives, plans and policies



AIIMS RAIPUR PHARMACIST-2023

SCAN ME

To Join FREE
Online Test

1. How many MBS are there in 1 GB
(a) 800 MBs (b) 1024 MBs
(c) 256 MBs (d) 2256 MBs
2. A computer communicates with other computers on the internet through which of the following
(a) TCP/IP (b) www
(c) HTTP (d) Only IP
3. Which of the following passes is located in Arunachal Pradesh
(a) Rohtang Pass
(b) Bomdila Pass
(c) Both Bomdila and Rohtang Pass
(d) Shipki La Pass and Rohtang Pass
4. Which of the following defines depreciation
(a) Destruction of a building in a fire accident
(b) The monetary value of an asset decreases over time due to use, wear and tear
(c) Closure of a plant due to labour trouble
(d) All of these
5. On which of the following days is Labour Day celebrated in India
(a) 15th January (b) 1st May
(c) 23rd March (d) 8th May
6. _____ is a 7-bit character set containing 128 characters
(a) ASCII (b) www
(c) Unicode (d) Number Code
7. What is the insurance cover provided to a holder of Pradhan Mantri Jan Dhan Yojana account in case of accidental death
(a) 65000 (b) 80000
(c) 240000 (d) 100000
8. In which of the following cities is the Yamuna river located
(a) Kolkata (b) Ludhiana
(c) Mathura (d) None of these
9. 'Operation Kawach' has been launched (in 2023) to crack down the menace of drugs in which of the following states/UTs
(a) New Delhi (b) Haryana
(c) Himachal Pradesh (d) Jharkhand
10. The All India Institute of Medical Sciences (AIIMS), Delhi announced an IT outage on November 23, 2022 because of a major attack
(a) Brain (b) Malware
(c) Current (d) Weird
11. Find out the appropriate option to correct the given sentence; The train reach its destination before time
(a) Reach on destination
(b) Train reached its destination
(c) Destination before times
(d) Train reach for destination
12. Choose from the given options, the ANTONYM of the given word: Wild
(a) Furious (b) Quiet
(c) Violent (d) Mad
13. Choose the noun from the below given sentence :- Keebok is a famous brand of men's shoes
(a) Reebok (b) Brand
(c) Of (d) Famous
14. Find the correctly spelt word among the given options
(a) Postmartom (b) Postmortum
(c) Postmortem (d) Postmartem
15. Choose an appropriate word from the following options to make it a meaningful sentence. There is an antique vase ____ the table
(a) during (b) then
(c) they (d) on
16. In the following number series only one number is wrong. Find the wrong number. 1, 2, 6, 15, 31, 56, 91
(a) 91 (b) 56
(c) 31 (d) 15



AIIMS BHUBANESWAR PHARMACIST-2023

SCAN ME

To Join FREE
Online Test

1. **The scope of Pharmacognosy includes the study of**
 - (a) Microorganisms
 - (b) Synthetic drugs
 - (c) Minerals and metals
 - (d) Medicinal plants and natural products
2. **What is the term for the process of spreading investments across different asset classes to reduce risk**
 - (a) Aggregation
 - (b) Diversification
 - (c) Liquidation
 - (d) Consolidation
3. **What does "Rx" signify on a prescription or medication label**
 - (a) Request
 - (b) Refill
 - (c) Prescription
 - (d) Reco
4. **What is the primary purpose of immunosuppressants in drug classifications**
 - (a) To relieve pain and inflammation
 - (b) To suppress the immune system's response, often used in transplant patients
 - (c) To lower blood pressure
 - (d) To manage mood disorders
5. **What is the primary purpose of the Indian Pharmacopoeia**
 - (a) To promote traditional medicine practices
 - (b) To establish quality standards for drugs and pharmaceuticals
 - (c) To monitor adverse drug reactions
 - (d) To regulate the import of pharmaceuticals
6. **What does the term "Schedule H" refer to in the context of pharmaceutical legislation in India**
 - (a) A list of over-the-counter drugs
 - (b) A list of prescription-only drugs
 - (c) A list of controlled substances
 - (d) A list of banned drugs
7. **What does the acronym NSAIDs stand for in drug classifications**
 - (a) New Systemic Antibiotics for Infection Diseases
 - (b) Nonsteroidal Anti-Inflammatory Drugs
 - (c) Narcotic Sleep Aids for Insomnia
 - (d) Neurological Stimulants for Attention Disorders
8. **Which STD is characterized by an itchy, parasitic infection of the pubic hair region and is caused by the crab louse**
 - (a) Chlamydia
 - (b) Pthirus pubis
 - (c) Syphilis
 - (d) Gonorrhea
9. **What does "HPLC" stand for in pharmacological analysis**
 - (a) High Particle Liquid Chromatography
 - (b) High - Performance Liquid Chromatography
 - (c) Highly Precipitated Liquid Concentrate
 - (d) Heat-Powered Liquid Control
10. **Which of the following is a common example of an antibiotic**
 - (a) Ibuprofen
 - (b) Penicillin
 - (c) Antihistamine
 - (d) Aspirin
11. **Which STD is known for its association with sores and ulcers on the genitals and other parts of the body and is caused by the bacterium *Haemophilus ducreyi***
 - (a) Gonorrhea
 - (b) Chlamydia
 - (c) Chancroid
 - (d) Syphilis
12. **What does "SLS" stand for in size separation processes**
 - (a) Static Light Scattering
 - (b) Small Liquid Separation
 - (c) Solvent Liquid Size
 - (d) Size Liquid Separation
13. **What is the term for a mixture of a powdered medication and a liquid, often used for oral administration**
 - (a) Solution
 - (b) Suspension
 - (c) Emulsion
 - (d) Gel



SAFDARJUNG HOSPITAL
PHARMACIST-2023

SCAN ME

To Join FREE
Online Test

1. In one trip a cab can take 6 people. In how many trips can it take 42 people
(a) 6 trips (b) 7 trips
(c) 4 trips (d) 2 trips
2. The area of rectangular plot is 400 m^2 and the length is 22 m. The perimeter of the rectangular plot is
(a) 68cm (b) 84cm
(c) 72cm (d) 96cm
3. Minakshi has 12 seashells. How many more seashells does she need to find to have 24 seashells in her collection
(a) 12 (b) 20 (c) 24 (d) 144
4. The students in the science club were collecting bugs for their bug collection. Lee caught 11 bugs and Rohit caught 8 bugs. Karan caught 18 bugs and Mehar caught 6 bugs. How many bugs did they have all together
(a) 45 (b) 44 (c) 43 (d) 42
5. A building has 28 floors. Each floor has 4 flats. The total number of flats in the building are
(a) 104 (b) 110 (c) 112 (d) 120
6. If the difference between 85% and 48% of a number is 31, then what is the number
(a) 306 (b) 850 (c) 118 (d) 334
7. Who is Albert Einstein
(a) Actor (b) Sports person
(c) Scientist (d) Economist
8. Where is the Gateway of India located
(a) Delhi (b) Mumbai
(c) Jaipur (d) Uttar Pradesh
9. Which state has the highest literacy rate in India in 2023
(a) Delhi (b) Maharashtra
(c) Tamil Nadu (d) Kerala
10. What kind of triangle has two equal sides
(a) Isosceles triangle (b) Equilateral triangle
(c) Scalene triangle (d) None of these
11. Who is the current Chief Minister of Delhi in 2023
(a) Bhagwant Mann (b) Arvind Kejriwal
(c) Ragav Chaddha (d) Amit Shah
12. Which of these materials is used in pencils
(a) Silicon (b) Graphite
(c) Zinc (d) Magnesium
13. What will come in place of question mark from the given answer figures
(a) D (b) A (c) C (d) B
14. There are some statements given below. Choose the correct option for the following question based on given statements
Question: Who is tallest
Statements I : D is taller than A and C
Statements II : B is shorter than E but taller than D
(a) Statement I alone is sufficient while Statement II alone is not sufficient
(b) Statement II alone is sufficient while Statement I alone is not sufficient
(c) Both Statement I and Statement II are sufficient
(d) None follows
15. Amar is 3 years older to Binita and 3 years younger to Kundan, while Binita and Deepali are twins. How many years older is Kundan to Deepali
(a) 12 years (b) 6 years
(c) 7 years (d) 4 years
16. If $AX+BA+B$, $AY+BA-B$, $AMB+AX+B$, $ANB=A+B$ Then what is the value of following expression
(a) 0 (b) 10 (c) 15 (d) 30
17. If the day before yesterday was Saturday, what day will fall on the day after tomorrow
(a) Wednesday (b) Sunday
(c) Friday (d) Thursday



MPSC PHARMACIST-2023

SCAN ME



To Join **FREE**
Online Test

1. The part of prescription containing directions to the pharmacist for preparing the prescriptions and for dispensing them, is known as
 - (a) Superscription
 - (b) Refilling
 - (c) Subscription
 - (d) Signatura
2. The Latin term for eardrops is
 - (a) Auristillae
 - (b) Collyrium
 - (c) Collutorium
 - (d) Haustus
3. Rapid development of tolerance on repeated doses of a drug in quick succession, with reduction in clinical response, is termed as
 - (a) Synergism
 - (b) Antagonism
 - (c) Idiosyncrasy
 - (d) Tachyphylaxis
4. Clark's formula of dose calculation is based on
 - (a) Body Weight
 - (b) Body Surface Area
 - (c) Body Mass Index
 - (d) Age
5. Dose calculation based on body surface area is depicted by ____ formula
 - (a) Brunton's
 - (b) Crawford Terry Rourke's
 - (c) Augsberger's
 - (d) Fried's
6. The first British Pharmacopoeia was published in
 - (a) 1864
 - (b) 1968
 - (c) 1932
 - (d) 1885
7. The supplement for Indian Pharmacopoeia in 2000 was introduced to include which of the following
 - (a) Liposomal products
 - (b) Veterinary products
 - (c) Herbal drugs
 - (d) Vaccines
8. Which of the following is an absorbable type of suture material
 - (a) Brocafil
 - (b) Horse hair
 - (c) Silk
 - (d) Linen
9. The standard test for catgut involving measurement by means of dial reading micrometer is known as the test for
 - (a) Tensile Strength
 - (b) Sterility
 - (c) Gauge
 - (d) Contaminants
10. Endotoxins otherwise known as lipopolysaccharides comprise the outermost cell wall layer of
 - (a) Gram-Positive Bacteria
 - (b) Gram-Negative Bacteria
 - (c) Virus
 - (d) Fungi
11. Leptospirosis is a ____ infection
 - (a) Bacterial
 - (b) Parasitic
 - (c) Viral
 - (d) Fungal
12. Which of the following is a morbidity indicator
 - (a) Child death rate
 - (b) Life expectancy
 - (c) Case fatality rate
 - (d) Incidence
13. The causative viral organism responsible for measles is
 - (a) Variola
 - (b) Varicella
 - (c) Ebola
 - (d) Rubeola
14. Which of the following is NOT an epidemiological index for measuring the tuberculosis problem in a community
 - (a) Mortality
 - (b) Prevalence
 - (c) Morbidity
 - (d) Notification rate
15. Which of the following is NOT an ideal characteristic of health indicators
 - (a) Reliable
 - (b) Specific
 - (c) Resilient
 - (d) Relevant
16. Which of the following is NOT a parameter of the traditional triangle of epidemiology
 - (a) Environment
 - (b) Agent
 - (c) Morbidity
 - (d) Host
17. The 'Universal Declaration of Human Rights' recognising the right to health was established in
 - (a) 1966
 - (b) 1948
 - (c) 1979
 - (d) 1989



MADHYA PRADESH PHARMACIST-2023

SCAN ME

To Join FREE
Online Test

1. Which of the following is/are a/an indicator of the financial health of a country
(a) FDI in a year (b) PPP
(c) GD (d) All of these
2. Who has released her book 'Miracles of Face Yoga'
(a) Roshni Nadar (b) Smriti Irani
(c) Gita Gopinath (d) Mansi Gulat
3. The term 'caddy' is associated with which of the following sports
(a) Golf (b) Cricket
(c) Horse Riding (d) Tennis
4. According to the New Economic Policy of 1991, Small scale industry investment limit increased to
(a) Rs. 1 Crore (b) Rs. 5 Crore
(c) Rs. 75 Lakh (d) Rs. 50 Lakh
5. Which of the following is the oldest museum in the Asia Pacific region
(a) Allahabad Museum
(b) National Museum
(c) Indian Museum
(d) National Museum Institute of History of Art, Conservation and Museology
6. In the following question, a sentence has been given in Active/Passive Voice. Out of the four alternatives suggested, select the one in Voice. We have decided to open a new retail store in this city
(a) It has been decided to open a new retail store by us in this city
(b) It may be decided to open a new retail store by us in this city
(c) To be opened a new retail store in this city has been decided by us
(d) A new retail store has to be decided to open in this city by us
7. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/Phrase **Wishy washy**
(a) To clean something quickly
(b) To have a dispute with someone
(c) To be indecisive
(d) To seek revenge on another person
8. Select the most appropriate option to substitute the bracket segment in the given sentence. If no substitution is required, select A society that ignores the former for the latter stays stuck in time, but (a society which ignores the latter for) the former might
(a) No improvement
(b) A society which is ignored the latter for
(c) A society which ignored a latter for
(d) A society which are ignoring a latter for
9. In the following question, a sentence is provided with two blanks. Choose the correct combination of words that fit into the After using the authorised doses, the agency will the data to monitor the use of the vaccine in order assess
(a) Analysed, with (b) Analyse, to
(c) Analyses, with (d) Analysing, to
10. The instrument which is used for the measurement of radioactivity is
(a) Nuclear reactor (b) GM counter
(c) Cyclotron (d) Mass spectrometer
11. Which of the following is a cation
(a) Chloride ion (b) Nitrate ion
(c) Potassium ion (d) Hydroxide ion
12. Apan's 1953 "Minamata disease" in which fish were infected was caused by an excess of which substance
(a) Cadmium (b) Copper
(c) Mercury (d) Nickel



UP NHM
PHARMACIST-2023

SCAN ME

To Join FREE
Online Test

- निम्नलिखित में से किसके सिवाय सभी में तरल और ठोस का सामर्थ्य व्यक्त किया जाता है
(a) % w/w (b) % v/w
(c) % w/v (d) % v/v
- Is the smallest capsule size
(a) 1 (b) 4 (c) 0 (d) 5
- Nonuniformity of tablet coating is called
(a) Sticking (b) Lamination
(c) Mottling (d) Capping
- is equal to one centigram.
(a) 1 mg (b) 0.1 mg
(c) 10 mg (d) 100
- A substance which can kill pathogenic bacteria is called
(a) Virucide (b) Bactericide
(c) Germicide (d) Fungicide
- किसी रोलर कंपैक्टर (roller compactor) का संहनन बल किसके द्वारा नियंत्रित नहीं किया जाता है
(a) प्रभरण पैंचों की घूर्णी गति
(b) संहनन रोल पर लगाए गए द्रवचालित दाब
(c) संहनन रोल की घूर्णी गति
(d) अच्छे प्रवाह और संपीड़न
- निम्नलिखित में से किस भरक (filler) का उपयोग अधिकांश टेबलेट बनाने के लिए किया जाता है
(a) Diluents (b) Disintegrants
(c) Binders (d) Adhesives
- निम्नलिखित में से किसके सिवाय सभी में पैन कोटिंग (Pan coating) तकनीक प्रक्रिया का उपयोग किया जाता है
(a) Enteric coating
(b) Film coating
(c) Compressed coating
(d) Sugar coating
- शुष्क ताप विसंक्रमण विधि (dry heat sterilisation method) में बैक्टीरिया कारण से मारे जाते हैं।
(a) आवश्यक कोशिकीय घटकों के ऑक्सीकरण
(b) आवश्यक कोशिकीय घटकों के अपचयन
(c) आवश्यक कोशिकीय घटकों के अवक्षेपण
(d) आवश्यक कोशिकीय घटकों के हैलोजनीकरण
- कैप्सूल खोल (capsule shell) की इष्टतम आर्द्रताशक्ति हैं।
(a) 25% (b) 14%
(c) 17% (d) 8%
- Many physicians write the prescription in accordance with the system
(a) Metric (b) Imperial
(c) Capacity (d) Percentage
- Invitro performance of coated tablets is evaluated by
(a) Stress relaxation test
(b) Disintegration test
(c) Microindenter probe analysis
(d) Adhesion test
- A medical prescription is represented by the symbol
(a) Rx (b) = (c) v (d) B
- Injections are generally sterilised by the method
(a) Heating
(b) Moist heat sterilisation
(c) Coagulation
(d) Dry heat sterilization
- A normal blood sodium level is
(a) 110-120 mEq/L (b) 80-90 mEq/L
(c) 120-125 mEq/L (d) 135-145 mEq/L
- Is an example of high sedative
(a) Cyproheptadine (b) Pheniramine
(c) Diphenhydramine (d) Chlorpheniramine
- What is the colour of phenolphthalein at pH 11?
(a) Pink (b) Blue
(c) Yellow (d) Colorless
- General anaesthetics are, of the central nervous system
(a) Stimulators (b) Depressants
(c) Stabilisers (d) Activators



KERALA
PHARMACIST-2022

SCAN ME

To Join FREE
Online Test

1. Sealed ampoules containing a thermostable drug solution are commonly sterilised by
(a) Hot air oven (b) Autoclave
(c) Microwave oven (d) UV Chamber
2. The most common method used sterilisation of vaccines among is
(a) Dry heat (160°C) (b) Moist heat (121°C)
(c) Radiation (d) Both (a) and (b)
3. The Chemical used for fumigation of rooms is
(a) Formaldehyde (b) Acetaldehyde
(c) Helium (d) Nitrogen
4. Which among the following tablets is used in Oral cavity
(a) Hypodermic tablets (b) Troches
(c) Film coated tablet (d) Dispensing tablet
5. The role of talc used in tablet is
(a) Lubricant (b) Disintegrant
(c) Glidant (d) Both (a) and (b)
6. The polymer used for enteric coating of tablets is
(a) Ethyl cellulose
(b) Polyethylene glycol
(c) Hydroxy propyl cellulose
(d) Polyvinyl Acetate phthalate
7. Which test is performed to assess the ability of the tablet to withstand abrasion in packaging, handling and transportation
(a) Hardness test (b) Friability test
(c) Disintegration test (d) Dissolution test
8. Which of the following capsule number can accomodate maximum medicament
(a) 1 (b) 0 (c) 3 (d) 5
9. The term Capsule is derived from 'CAPSULA' which is a
(a) Greek term (b) Spanish term
(c) Latin term (d) French term
10. Hydroxypropyl methyl cellulose can be used for/as
(a) Diluent
(b) Superdisintegrant
(c) Lubricant
(d) Making empty capsule shell (vegetarian)
11. Which of the statement is true for flocculated suspension
(a) Particle exist as separate entities
(b) Sediment is slowly formed
(c) Sediment is difficult to redisperse
(d) Rate of Sedimentation is high
12. Which among the following is a better thickening agent for suspension
(a) Acacia (b) Tragacanth
(c) Starch (d) Lactose
13. Which of the following emulsifying agent is from plant source
(a) Egg yolk (b) Lecithin
(c) Lanolin (d) Pectin
14. The amount of castor oil in commercial emulsion ranges from
(a) 1-10% (b) 35-67%
(c) 70-74% (d) 80-85%
15. Which of the following is commonly used as abrasive in tooth paste
(a) Lactose (b) Calcium carbonate
(c) Starch (d) Methyl cellulose
16. Which of the following cosmetic is also having the role of a drug
(a) Deodorant (b) Antiperspirant
(c) Face powder (d) Lipstick
17. Which of the following fixed oil is not used for parenteral preparations
(a) Coconut oil (b) Sesame oil
(c) Peanut oil (d) Cottonseed oil



HPSSC PHARMACIST-2022

SCAN ME

To Join FREE
Online Test

1. 20 grains is equal to
 - (a) 1 scruple (b) 1 drachm
 - (c) 1 ounce (d) 1 pound
2. A thick, viscous formulation consisting of aqueous suspensions of insoluble inorganic drugs is
 - (a) Lotion (b) Paste
 - (c) Elixir (d) Magma
3. The first edition of British Pharmacopoeia was published in which year
 - (a) 1854 (b) 1857
 - (c) 1864 (d) 1867
4. What is the dose for 6 months old infant, of drug having adult dose of 300 mg
 - (a) 6 mg (b) 8 mg
 - (c) 10 mg (d) 12 mg
5. A powder of which all particles pass through sieve number 120 is said to be
 - (a) Moderately coarse powder
 - (b) Moderately fine powder
 - (c) Fine powder
 - (d) Very fine powder
6. The three rollers in triple roller mill are arranged in which of the following manner
 - (a) Horizontally (b) Vertically
 - (c) Pyramid (d) Triangular
7. Paka is which type of ayurvedic dosage form
 - (a) Solid (b) Semisolid
 - (c) Liquid (d) Powder
8. Dry heating at 100°C for 1 hour causes
 - (a) Sterilization
 - (b) Kills vegetative bacteria and spores
 - (c) Kills vegetative bacteria but does not kill spores
 - (d) Does not kill vegetative bacteria or spore
9. Colloidal silica is used as Glidant concentration of
 - (a) 0.2% (b) 0.5 to 2%
 - (c) 2-5% (d) 5-7%
10. The correct statement with respect to hard gelatin capsule is
 - (a) Body is longer
 - (b) Cap is longer
 - (c) Both are equal
 - (d) Body is shorter and wider
11. Formula of Rochelle's salt is
 - (a) $C_4H_4O_6KNa_4H_2O$ (b) $C_2H_2O_6KNa_4H_2O$
 - (c) $C_4H_2O_6KNa_4H_2O$ (d) $C_2H_4O_6KNa_4H_2O$
12. Sodium metaphosphate is used in
 - (a) Anticaries (b) Antacid
 - (c) Desensitizer (d) Dentifrice
13. All statements listed below are correct for positive mixture, except
 - (a) They are irreversible
 - (b) They require energy
 - (c) They are stable in nature
 - (d) Formed through diffusion process
14. Filter press has following advantages, EXCEPT
 - (a) It provides large surface area
 - (b) It is a continuous process
 - (c) Filter media can be used repeatedly
 - (d) High filtration pressure can be used
15. Alkaline substances obtained from the ash of crude drugs are known as ____ in Ayurveda
 - (a) Pisti (b) Bhasma
 - (c) Dravaka (d) Kshara
16. Which of the following statement is not correct for a freeze dryer
 - (a) It is very fast process
 - (b) Decomposition of product is minimized
 - (c) Product is amorphous and readily soluble
 - (d) It is useful for thermolabile substances
17. β -Propiolactone is used as
 - (a) Preservative (b) Suspending agent
 - (c) Stabilizer (d) Sterilizing agent



NCL PHARMACIST-2020

SCAN ME

To Join FREE
Online Test

1. **Phase four clinical trials are also called**
 - (a) Human Pharmacology and safety
 - (b) Therapeutic exploration
 - (c) Therapeutic confirmation
 - (d) Post-marketing surveillance
2. **Therapeutic Index is a measure of**
 - (a) Efficacy
 - (b) Safety
 - (c) Adverse Effects
 - (d) Potency
3. **Elimination after 3 half-lives in 1st order Kinetics is**
 - (a) 12.5%
 - (b) 75%
 - (c) 87.5%
 - (d) 94%
4. **As per The Drugs and Cosmetic Act 1940, Prescription drugs are included in**
 - (a) Schedule C
 - (b) Schedule H
 - (c) Schedule P
 - (d) Schedule X
5. **Forced Alkaline Diuresis is effective in management of poisoning by which of the following agents**
 - (a) Phenobarbitone
 - (b) Lead
 - (c) Iron
 - (d) Organophosphates
6. **Bioavailability is**
 - (a) Amount of drug that reaches the systemic circulation
 - (b) Drug metabolized in liver before the drug reaches the systemic circulation
 - (c) Drug metabolized in liver after the drug reaches the systemic circulation
 - (d) Maximum by rectal route
7. **Pharmacodynamics include**
 - (a) Drug elimination
 - (b) Drug excretion
 - (c) Drug absorption
 - (d) Mechanism of Action
8. **Which is not an effect of atropine**
 - (a) Rise of body temperature
 - (b) Decreased salivary secretion
 - (c) Bradycardia
 - (d) Increased A-V Conduction
9. **Which is not a cardio selective B-blocker**
 - (a) Acebutolol
 - (b) Atenolol
 - (c) Pindolol
 - (d) Metoprolol
10. **Which β_1 selective blocker is used in glaucoma**
 - (a) Betaxolol
 - (b) Levobunolol
 - (c) Timolol
 - (d) Carteolol
11. **Blockade of neuromuscular transmission by botulinum toxin is an example of**
 - (a) Depolarizing block
 - (b) Competitive block
 - (c) Presynaptic block
 - (d) Postsynaptic block
12. **Alpha-1 blocker without any effect on blood pressure is**
 - (a) Tamsulosin
 - (b) Prazosin
 - (c) Doxazosin
 - (d) Terazosin
13. **Mechanism of action of clonidine is mediated by which of the following receptor**
 - (a) Alpha 1
 - (b) Alpha 2
 - (c) Beta 1
 - (d) Beta 2
14. **All of the following are the features of atropine poisoning EXCEPT**
 - (a) Mydriasis
 - (b) Hallucinations
 - (c) Hypothermia
 - (d) Coma
15. **Antidote for nicotine poisoning is**
 - (a) Neostigmine
 - (b) Atropine
 - (c) Phentolamine
 - (d) Trimethaphan
16. **A most common dose-related side effect of Salbutamol is**
 - (a) Nervousness
 - (b) Palpitation
 - (c) Restlessness
 - (d) Tremors
17. **Mechanism of action of Zileuton**
 - (a) Inhibits production of IgE
 - (b) Inhibits lipoxygenase
 - (c) Inhibits cyclooxygenase
 - (d) Inhibits the activity of mast cells



ITBP
PHARMACIST-2019

SCAN ME

To Join FREE
Online Test

1. Drug that inhibits the conversion of testosterone to dihydrate testosterone in prostate carcinoma
(a) Finasteride (b) Dutasteride
(c) Both (a) and (b) (d) Tamoxifen
2. The pH of Human tears is
(a) 3 (b) 8 (c) 7.6 (d) 4.6
3. Central Drug Laboratory is established in
(a) Delhi (b) Lucknow
(c) Calcutta (d) Gujarat
4. Which of the following is used to adjust isotonicity
(a) Dextrose (b) NaCl
(c) Boric Acid (d) All of these
5. Pharmacological science relating to the collection, detection, assessment, monitoring, and prevention of adverse reactions is called
(a) Pharmacology (b) Pharmacovigilance
(c) Pharmacodynamic (d) Pharmacognosy
6. Urethral suppositories are also known as
(a) Bougies (b) Pessaries
(c) Both (d) None of these
7. To identify the emulsion type which of the following tests are conducted
(a) Dilution test (b) Dye Test
(c) Conductivity Test (d) All of these
8. The noxious or unintended response to a drug that occurs at a usual dose is called
(a) ADR (b) ATP
(c) ADD (d) ACT
9. Drugs that overcome the action of poison are commonly known as
(a) Antidote (b) Antitussive
(c) Analgesic (d) Antiviral
10. Which of the following drug is used in the case of paracetamol poisoning
(a) Digitoxin (b) Butadiene
(c) N-acetyl cysteine (d) Mefenamic acid
11. Antidote of organophosphate are
(a) Dimercaprol (b) Atropine sulphate
(c) Cyanide (d) Penicillamine
12. The following can be used to antagonize the action of Heparin in the case of an overdose
(a) Heparan sulphate (b) Dextran sulphate
(c) Protamine sulphate (d) Anatacid
13. Opium poisoning is overcome by
(a) Pyridoxine (b) Digoxin
(c) Naloxone (d) Physostigmine
14. Simple sucrose syrup is
(a) 90% w/v (b) 80% w/v
(c) 85% w/v (d) 95% w/v
15. Shape of vaginal suppositories are
(a) Oviform shape (b) Torpedo shape
(c) Pencil shape (d) None of these
16. Average pulse pressure is
(a) 40 mm Hg (b) 50 mm Hg
(c) 120 mm Hg (d) 10 mm Hg
17. One of the following which one is used to grasp heavy tissue
(a) Babcock (b) Kocher
(c) Foester (d) Dissector
18. The medication that can be obtained only by prescription is called
(a) OTC Drug (b) Oral Drug
(c) Legend drug (d) All of these
19. Absorption of iron is increased in the presence of
(a) Vitamin A (b) Vitamin B
(c) Ferritin (d) Vitamin B₁₂
20. Which of the following is a sialoglycoprotein
(a) Heparin (b) Adrenaline
(c) Erythropoietin (d) Serotonin
21. The Pharmacy Council of India was first constituted in the year
(a) 1948 (b) 1949
(c) 1947 (d) 1999



CGHS DELHI
PHARMACIST-2018

SCAN ME

To Join FREE
Online Test

1. The Pharmacy act was passed in the year
(a) 1948 (b) 1947
(c) 1950 (d) 1965
2. Which of the following is not among the orphan drugs
(a) Sodium nitrite
(b) Fomepizole
(c) Liposomal amphotericin B
(d) Ketoconazole
3. Which of the following is NOT a lipid derived autacoids
(a) Histamine
(b) Prostaglandins
(c) Platelet activating factor
(d) Leukotrienes
4. Which of the following chamber of heart receives venous blood from the whole body
(a) Left Atrium (b) Right Atrium
(c) Left Ventricle (d) Right Ventricle
5. Which of the following food source has the highest "Mean Iodine content"
(a) Vegetables (b) Sea water fish
(c) Fresh water fish (d) Meat
6. Which of the following CNS (Central Nervous system) depressant barbiturates is long acting
(a) Cyclobarbitol (b) Thiamylal sodium
(c) Barbiton (d) Pentothal sodium
7. Methadone helps in recovery of which of the following type of Drug dependence
(a) Amphetamine type (b) Cannabis type
(c) Morphine type (d) Cocaine
8. The group of enzymes which can hydrolysed ester, ether, peptide of glycosidic bonds by adding water and then breaking the bond is
(a) Lyases (b) Transferases
(c) Oxidoreductases (d) Hydrolases
9. "Varicella vaccine" is given for the prevention of which of the following diseases
(a) Tuberculosis (b) Chicken pox
(c) Cervical cancer (d) Hepatitis A
10. Among the peripherally acting muscle relaxants, depolarizing blocker Which of the following
(a) Pipecuronium (b) Pancuronium
(c) Suxamethonium (d) Atracurium
11. Which of the following can be used as an antidote for Atropine
(a) Oxyphenonium
(b) Hyocine butyl bromide
(c) Propantheline
(d) Physostigmine
12. The route of administration of Human monovalent live vaccine (RV1) for rotavirus
(a) Oral (b) Intra-dermal
(c) Subcutaneous (d) Intramuscular
13. What is the fatal dose of paraldehyde
(a) 5 to 10 ml (b) 15 to 20 ml
(c) 25 to 50 ml (d) 10 to 15 ml
14. For the management of Asthmatic cough, which of the following is a right treatment approach
(a) Antibiotics
(b) H₂ Blocker
(c) Proton pump inhibitor
(d) Inhaled β_2 agonists
15. Conjunctival Xerosis occurs due to deficiency which of the following vitamins
(a) Vitamin A (b) Vitamin C
(c) Vitamin B₁₂ (d) Vitamin K
16. The route of administration of vaccine BCG is
(a) Intradermal (b) Intra-muscular
(c) Intravenous (d) Oral



**BCCL
PHARMACIST-2015****SCAN ME**To Join **FREE**
Online Test

1. **Which bone is the largest bone in human body**
(a) Femur (b) Humerus
(c) Tibia (d) Radius
2. **A cyclist turning around a curved road leans inwards. By doing so which force he is providing himself which enables to take a turn**
(a) Centrifugal force (b) Centripetal force
(c) Angular velocity (d) None of these
3. **The liquid drops or gas bubbles are always spherical due to**
(a) Volume tension (b) Surface tension
(c) Gravitational force (d) Magnetic force
4. **The branch of biology that deals with the study of fungi is called**
(a) Algology (b) Phycology
(c) Mycology (d) Microbiology
5. **The Higgs-boson particle which was discovered by scientists. Is also known as**
(a) Quantum particle (b) God particle
(c) Atomic particle (d) High mass particle
6. **Drug use to treatment of gout**
(a) Colchicum corm (b) Turmeric
(c) Ephedra (d) Acacia
7. **General test to identify carbohydrates**
(a) Mayer's test (b) Benedict's test
(c) Shinoda test (d) Molisch's test
8. **Meaning of anatomy is**
(a) Study of plants
(b) Study of microbes
(c) Study of human body parts
(d) None of these
9. **Xerophthalmia is due to the deficiency of**
(a) Vitamin D (b) Vitamin C
(c) Vitamin B (d) Vitamin A
10. **Drug used as sedative and antiepileptic**
(a) Morphine (b) Thebaine
(c) Solasodine (d) Diazepam
11. **The barium meal is**
(a) Barium chloride (b) Barium nitrate
(c) Barium carbonate (d) Barium sulphate
12. **The citric acid is used in iron limit test**
(a) To prevent color due to sulphate
(b) To prevent color due to copper
(c) To prevent color due to chloride
(d) To prevent color due to lead
13. **Antidote used in cyanide poisoning**
(a) Sodium thiosulphate
(b) Sodium benzoate
(c) Sodium potassium tartrate
(d) Sodium nitrate and sodium thiosulphate
14. **Which of the following is not formed by haemoglobin**
(a) Bilirubin (b) Fibrinogen
(c) Stercobilin (d) Urobilinogen
15. **Drug Warfarin is used in disease**
(a) Hypertension
(b) Thrombosis
(c) Angina pectoris
(d) Congenital heart failure
16. **Level of norepinephrine elevated in brain in**
(a) Schizophrenia (b) Arthritis
(c) Myasthenia gravis (d) Glaucoma
17. **Brine is concentrated solutions of**
(a) Sodium hydroxide
(b) Sodium chloride
(c) Sodium bicarbonate
(d) Sodium sulfite
18. **Deficiency of copper causes**
(a) Night blindness (b) Wilson disease
(c) Cushing's disease (d) Leukaemia
19. **Naphazoline is used in**
(a) Asthma (b) Hypotension
(c) Nasal decongestion (d) Hay fever
20. **Drug to kill viruses is**
(a) AZT (b) Penicillin
(c) Idoxuridine (d) None of these



PHARMACIST

SECTION-II

MODEL PAPERS **With Answer Key**

- ✓ 10 Model Paper for Practice
- ✓ According to Pharmacist Examination

10
PAPERS



Start Your Preparation for **PHARMACIST EXAM**

Download GDC CLASSES App

- ✓ Live Classes
- ✓ Video Lectures
- ✓ Online Test Series
- ✓ Study Materials
- ✓ e-Notes

Many More....

*Join the Best
To get the Best*

Download Now



Download The **GDC CLASSES** App From **Play Store**

MODEL PAPER-1

SCAN ME

To Join **FREE**
Online Test

1. Which of the following capsule size has the smallest capacity
(a) 5 (b) 1
(c) 0 (d) 000
2. Sub-coatings given to the tablets
(a) To prevent the solubility in acidic media
(b) To avoid deterioration due to microbial attack
(c) To increase bulk
(d) To avoid stickiness
3. The pressurized dosage form meant for administration in to respiratory tract in the form of fine particles are
(a) Aerosols (b) Pressurizer
(c) Nebulisers (d) None of these
4. Liposomes are
(a) Uni or multilayered vesicles of phospholipids
(b) Type of enzymes
(c) Fibrinopeptides
(d) Red blood cells
5. The correct equivalent for -10°C is
(a) -10°F (b) $+22^{\circ}\text{F}$
(c) -18°F (d) $+14^{\circ}\text{F}$
6. In the mixing of thymol and menthol the following type of incompatibility occurs
(a) Chemical incompatibility
(b) Therapeutic incompatibility
(c) Physical incompatibility
(d) Tolerance incompatibility
7. Convert 90% v/v alcohol to Proof strength. Choose the correct answer
(a) 57.77° Under Proof (b) 57.77° Over Proof
(c) 47.41° Over Proof (d) 47.41° Under Proof
8. SOS means which one of the following
(a) Take occasionally (b) Take immediately
(c) Take when necessary (d) Take as directed
9. Which one of the following formulations provides the slowest rate of drug absorption as compared with the others
(a) Syrup (b) Elixir
(c) Aqueous solution (d) Tablet
10. Which of the following drugs can be marketed under generic name
(a) Aspirin (b) Dolo
(c) Ibuprofen (d) Valium
11. Licence to operate "Blood Bank" is granted by
(a) Director of medical and health services of the State
(b) Medical council of state
(c) Drug Licencing Authority of state
(d) Chief Medical and Health Officer of the concerned district
12. The minimum age prescribed for registration of pharmacist is
(a) 16 years (b) 18 years
(c) 21 years (d) No age bar
13. The I.P. test for ensuing the quality of drug products in tablet form include all of the Following, EXCEPT
(a) Disintegration (b) Dissolution
(c) Hardness (d) Friability
14. Tobacco contains a poisonous substance called
(a) Nicotine (b) Narcotics
(c) Alcohol (d) Caffeine
15. Cortisone is used as an effective anti-inflammatory drug in the treatment of
(a) High blood pressure (b) Arteriosclerosis
(c) Arthritis (d) Diabetes
16. Pharmacy Act passed on
(a) 4th March 1940 (b) 5th March 1940
(c) 4th March 1948 (d) 5th March 1948
17. Dengue is caused by
(a) Female Aedes (b) Male Aedes
(c) Male Anopheles (d) Female Anopheles
18. Total number of members in DTAB is
(a) 18 (b) 17 (c) 16 (d) 15



MODEL PAPER-2

SCAN ME

To Join FREE
Online Test

1. **An emulsion is a colloid of a**
(a) Gas in a liquid (b) Liquid in a liquid
(c) Liquid in a gas (d) Gas in a solid
2. **Percentage of carbon in steel ranges**
(a) 0.1 to 1.5 (b) 1.5 to 3.0
(c) 3.0 to 4.0 (d) 4.0 to 6.0
3. **Which is the anti-coagulant substance in blood**
(a) Fibrinogen (b) Heparin
(c) Thrombin (d) Globin
4. **The ideal weight for an adult person is calculated on the basis of**
(a) Age (b) Height
(c) Economic status (d) All of these
5. **Risk factors for developing coronary heart disease include**
(a) Smoking (b) Hypertension
(c) Serum Cholesterol (d) All of these
6. **The salt intake per day should be kept to a limit of**
(a) 1 gm daily (b) 5 gm daily
(c) 10 gm daily (d) 15 gm daily
7. **A normal blood pressure is said to be about**
(a) 300 / 200 (b) 200 / 150
(c) 120 / 80 (d) 70 / 40
8. **Pulse rate of babies is**
(a) More than adults (b) Less than adults
(c) Same as adults (d) No fixed pattern
9. **Normal respiratory rates in adults is about**
(a) 5/ min (b) 10/min
(c) 17/min (d) 27/min
10. **Streptococcal throat infection can later lead to**
(a) Tuberculosis
(b) Leprosy
(c) Rheumatic heart Disease
(d) Malaria
11. **While calculating birth rates the denominator used is**
(a) Live births (b) Mid-year population
(c) Census population (d) All of these
12. **The objective of National population policy is to bring the total fertility rates to replacement level by**
(a) 2005 (b) 2010
(c) 2015 (d) 2020
13. **A woman is expected to attend the antenatal clinic at least / month during the first 7 months**
(a) One (b) Twice
(c) Thrice (d) Four times
14. **On an average a normal healthy woman should gain about ____kg of weight during pregnancy**
(a) 5 kg (b) 12 kg
(c) 20 kg (d) 30 kg
15. **An unimmunized mother should be given _____ doses of Tetanus toxoid during pregnancy**
(a) One (b) Two
(c) Three (d) Four
16. **One gram of protein will give Kcal/gm**
(a) 4 (b) 9 (c) 12 (d) 15
17. **The reference protein is**
(a) Egg (b) Milk
(c) Meat (d) Fish
18. **Limiting Amino acid in pulses is**
(a) Lysine (b) Threonine
(c) Methionine (d) Valine
19. **Saturated fatty acids are all except**
(a) Lauric (b) Palmitic
(c) Stearic (d) Oleic
20. **Deficiency of vitamin D causes**
(a) Rickets (b) Scurvy
(c) Night blindness (d) All of these
21. **Pellagra is a deficiency disease caused due to the deficiency of**
(a) Riboflavin (b) Thiamine
(c) Niacin (d) Folate



MODEL PAPER-3

SCAN ME

To Join **FREE**
Online Test

1. **Sulphur containing amino acid is**
(a) Methionine (b) Leucine
(c) Valine (d) Asparagine
2. **The protein present in hair is**
(a) Keratin (b) Elastin
(c) Myosin (d) Tropocollagen
3. **In proteins the α -helix and β -pleated sheet are examples of**
(a) Primary structure
(b) Secondary structure
(c) Tertiary structure
(d) Quaternary structure
4. **The optimal pH for the enzyme pepsin is**
(a) 1.0–2.0 (b) 4.0–5.0
(c) 5.2–6.0 (d) 5.8–6.2
5. **Which of the following is an Ayurvedic preparation containing self-generated alcohol**
(a) Ghrita (b) Asava
(c) Lehya (d) Gutika
6. **Deficiency of vitamin D causes**
(a) Ricket and osteomalacia
(b) Tuberculosis of bone
(c) Hypothyroidism
(d) Skin cancer
7. **Which one of the followings is used as systemic alkali**
(a) Sodium chloride (b) Sodium bicarbonate
(c) Sodium sulphate (d) Sodium acetate
8. **Which one of the following will give “Molisch test”**
(a) Protein (b) Lipids
(c) Glucose (d) Flavo proteins
9. **The rate of diffusion of drug across biological membrane is**
(a) Directly proportional to the concentration gradients
(b) Dependent on route of administration
(c) Indirectly proportional to membrane thickness
(d) None of these
10. **Nicotine from tobacco is an alkaloid which is**
(a) Oxygen free liquid (b) Semisolid
(c) Crystalline (d) Oxygen free solid
11. **An absorption process is not involved when a drug is given by following route**
(a) Oral (b) Nasal
(c) Intravenous (d) sublingual
12. **Preferential COX-2 inhibitor is**
(a) Tenoxicam (b) Diclofenac
(c) Celecoxib (d) Diflunisal
13. **Cells of Leydig occur in**
(a) Liver (b) Ovary
(c) Testis (d) Spleen
14. **Which of the following is the most electronegative atom**
(a) Nitrogen (b) Oxygen
(c) Fluorine (d) Chlorine
15. **Trachoma is a disease related to**
(a) Eyes (b) Ears
(c) Nose (d) Throat
16. **Leprosy should be treated for a minimum period of**
(a) Lifelong (b) 20 yrs
(c) 5 yrs (d) 6-12 months
17. **“Astrocytes” are present in**
(a) Blood - cerebrospinal fluid barrier
(b) Blood brain barrier
(c) Blood placental barrier
(d) Cell membrane barrier
18. **Goiter is related to the gland**
(a) Pancreas (b) Thyroid
(c) Parotid (d) Adrenals
19. **Diabetes is caused due to deficiency of**
(a) Insulin (b) Ptyalin
(c) Thyroxin (d) Glucagon



MODEL PAPER-4

SCAN ME

To Join FREE
Online Test

1. A red pigment in the blood cells which combines with oxygen and carbon dioxide for carrying them
(a) Red blood cells (b) Haemoglobin
(c) Platelet (d) Plasma
2. Characteristic of the blood flow due to arterial bleeding is the following EXCEPT
(a) Bright red in colour
(b) Spurts at each cartrachian of the heart
(c) Flow is pulsatile
(d) Dark red in colour
3. Strength of savlon for cleaning of wounds
(a) 110 (b) 1100
(c) 11000 (d) 110000
4. Inflammation of the tongue
(a) Glossitis (b) Gingivitis
(c) Stomatitis (d) Parotitis
5. Which of the following is predisposing cause for bed sore EXCEPT
(a) Impaired circulation
(b) Lowered vitality
(c) Emaciation
(d) Anorexia
6. The most important minerals stored in bones are
(a) Calcium and iron
(b) Calcium and potassium
(c) Sodium and potassium
(d) Calcium and phosphorus
7. Dopamine is derived from
(a) Tyrosine (b) Thebaine
(c) Codeine (d) Emetine
8. Which is most infectious disease
(a) Hepatitis - B
(b) AIDS
(c) Cough & Common Cold
(d) Malaria
9. By whom influenza occurs
(a) Virus (b) Bacteria
(c) Fungi (d) Protista
10. By What antibodies are made
(a) RBCs (b) Thrombocytes
(c) Monocytes (d) Lymphocytes
11. Father of medicine is
(a) Hippocrates (b) Aesculapius
(c) Sushrutha (d) Thomas Sydenham
12. James Lind is related to the disease
(a) Small pox (b) Scurvy
(c) Scabies (d) Scoliosis
13. DPT vaccination is related to the disease
(a) Polio (b) Measles
(c) Pertussis (d) All of these
14. Chicken pox is caused due to a
(a) Virus (b) Bacteria
(c) Fungus (d) Protozoa
15. Measles vaccine is given under the National Immunization Programme
(a) 1 month (b) 6 months
(c) 9 months (d) 15 months
16. The classical triad of Rubella include
(a) Cataract
(b) Cardiac Malformation
(c) Deafness
(d) All of these
17. BCG vaccination is given to protect against
(a) Tuberculosis (b) Meningitis
(c) Chicken pox (d) All of these
18. The diluent and sweetening agent used in chewable tablets and lozenges is
(a) Mannitol (b) Starch
(c) Sucrose (d) Lactose
19. The disintegrant used in chewable tablets
(a) Sodium starch glycollate
(b) Lactose
(c) Starch
(d) None of these



MODEL PAPER-5

SCAN ME

To Join FREE
Online Test

1. Temporary hardness of water may be softened by
 - (a) Boiling
 - (b) Clarks lime process
 - (c) Deionized water
 - (d) All of these
2. HSAB categorizes acids and bases according to properties of
 - (a) Size
 - (b) Charge
 - (c) Polarizability
 - (d) All of these
3. KMnO_4 solutions are used for
 - (a) Antibacterial
 - (b) Antifungal
 - (c) Both (a) and (b)
 - (d) Antiviral
4. Hydrogen peroxide is used as
 - (a) Antiseptic
 - (b) Acidifying agent
 - (c) Protective
 - (d) Antioxidant
5. Side effect of antacid therapy
 - (a) Acid rebound
 - (b) Systemic alkalosis
 - (c) Xerostomia
 - (d) All of theses
6. Gamma rays are electromagnetic radiation with a wavelength
 - (a) Much larger than those of light
 - (b) Much shorter than those of light
 - (c) Equal to light
 - (d) None of these
7. Medical prescription is represented by _____ symbol
 - (a) Rx
 - (b) β
 - (c) μ
 - (d) $\pm$
8. Limit test for iron purple color is due to formation of
 - (a) Ferrous thioglycolate
 - (b) Lead thioglycolate
 - (c) Ferrous sulphate
 - (d) Ferrous ammonium sulphate
9. Compounds capable of function as antimicrobial agent through oxidative mechanism are
 - (a) H_2O_2
 - (b) $\text{Ca}(\text{OCl})_2$
 - (c) KMnO_4
 - (d) All of these
10. Invitro performance of coated tablets is evaluated by
 - (a) Adhesion test
 - (b) Microinjector probe analysis
 - (c) Disintegration test
 - (d) Stress relaxation test
11. Taenia solium and Trichinella spiralis can be prevented by eating properly cooked
 - (a) Fish
 - (b) Pork
 - (c) Beef
 - (d) Vegetables
12. Therapy of Vibrio cholerae is
 - (a) TMP-SMX
 - (b) ORS
 - (c) Ceftriaxone
 - (d) Erythromycin
13. Family of Measles virus is
 - (a) Paramyxoviridae
 - (b) Rhabdoviridae
 - (c) Orthomyxoviridae
 - (d) Flaviviridae
14. The most common vector of Dengue virus is
 - (a) Anopheles minimus
 - (b) Mansonia sp.
 - (c) Aedes aegypti
 - (d) Aedes albopictus
15. The most common fungal opportunistic infection is caused by
 - (a) Aspergillus fumigatus
 - (b) Cryptococcus neoformans
 - (c) Candida albicans
 - (d) Mucor
16. In Type I hypersensitivity, the predominant antibody that is elicited is
 - (a) IgA
 - (b) IgE
 - (c) IgG
 - (d) IgM
17. The unevenness of tablet coating is called
 - (a) Capping
 - (b) Mottling
 - (c) Lamination
 - (d) Sticking
18. At birth, the main source of Hematopoietic Stem Cell is the
 - (a) Liver
 - (b) Spleen
 - (c) Bone Marrow
 - (d) Thymus
19. Pan coating technique process is used in all of the following, EXCEPT
 - (a) Enteric coating
 - (b) Compressed coating
 - (c) Sugar coating
 - (d) Film coating



MODEL PAPER-6

SCAN ME

To Join **FREE**
Online Test

1. **Glycyrrhizic acid is a**
(a) Alkaloid (b) Glycoside
(c) Tannins (d) Fat
2. **Glycosides are condensation products of**
(a) Sugar + aglycone (b) Sugar + protein
(c) Protein + aglycone (d) Fats + aglycone
3. **Stas-otta process is used for extraction of**
(a) Alkaloids (b) Tannins
(c) Terpenoids (d) Resins
4. **Mechanism of action of Terbinafine includes**
(a) Inhibit squalene epoxidase
(b) Inhibits lanosterol 14-demethylase
(c) Inhibits glycan synthase
(d) Inhibits protein synthesis
5. **Borntrager test is used for one of the following drugs**
(a) Senna (b) Aloe
(c) Digitalis (d) Strophanthus
6. **Chemical name of Aspirin is**
(a) Acetyl salicylic acid
(b) Para-amino salicylic acid
(c) Para-aminobenzoic acid
(d) Acetaminophen
7. **The following drug metabolizing reaction is entirely non-microsomal**
(a) Glucuronide conjugation
(b) Acetylation
(c) Oxidation
(d) Reduction
8. **Codeine demethylated to give a metabolite**
(a) Oxycodone (b) Scopolamine
(c) Heroin (d) Morphine
9. **Which of the following also known as dry distillation**
(a) Compressive distillation
(b) Steam distillation
(c) Destructive distillation
(d) Batch distillation
10. **The plasma concentration at which pharmacological response is initiated is known as**
(a) Maximum safe concentration
(b) Area under the curve
(c) Minimum effective concentration
(d) Peak plasma concentration
11. **Sutures are**
(a) Sterile threads or strings specially prepared for use in surgery and meant for stitching the tissue
(b) Materials either used alone or in combination to cover the wound
(c) Agents which kills the bacteria's and virus
(d) Sterile strands used to stop bleeding by tying the blood vessels
12. **Which of the following amino acids is achiral**
(a) Alanine (b) Glycine
(c) Serine (d) Cysteine
13. **Which of the following is NOT a part of the primary protein structure**
(a) The amino acid sequence
(b) The disulfide linkages
(c) The planar nature of the amide linkage
(d) The conformation of the polypeptide backbone
14. **Which of the following statements about an enzyme is FALSE**
(a) An enzyme is usually a large protein
(b) An enzyme is a catalyst for biological reactions
(c) An enzyme is a chiral molecule
(d) An enzyme changes the equilibrium constant of a reaction
15. **Which of the following may be separated by ordinary physical methods**
(a) A pair of identical molecules
(b) A pair of enantiomers
(c) A pair of diastereomers
(d) A pair of identical atoms



MODEL PAPER-7

SCAN ME

To Join FREE
Online Test

1. To which of the following Trichomes of Senna belongs
 - (a) Unicellular (b) Short
 - (c) Multicellular (d) Trichomes are absent
2. Microsomal enzyme induction can be a cause of
 - (a) Tolerance
 - (b) Physical dependence
 - (c) Psychological dependence
 - (d) Idiosyncrasy
3. Aerosol packaging container must resist pressure of
 - (a) 500 psig (b) 140-180 psig
 - (c) 40 psig (d) 20 psig
4. Viscosity enhancer in ophthalmic preparation is
 - (a) Poly vinyl alcohol (b) Povidone
 - (c) Dextran (d) Macrogol
5. The following are the contents of ORS EXCEPT
 - (a) Sodium chloride (b) Sugar
 - (c) Potassium chloride (d) Calcium carbonate
6. The most common form of malnutrition is the following EXCEPT
 - (a) Beri-Beri
 - (b) Protein energy malnutrition
 - (c) Marasmus
 - (d) Kwashiorkor
7. The following are the natural method of contraception EXCEPT
 - (a) Foam tablet
 - (b) Basal metabolic temperature
 - (c) Rhythm method
 - (d) Safe period
8. The following organs are situated in the abdominal cavity EXCEPT
 - (a) Stomach (b) Oesophagus
 - (c) liver (d) Spleen
9. The nerve, which carries messages from the brain and spinal cord muscles and glands
 - (a) Motor nerve (b) Sensory nerve
 - (c) Mixed nerve (d) Autonomic nerve
10. Following methods destroy vibrio cholerae EXCEPT
 - (a) Boiling (b) Drying
 - (c) Bleaching powder (d) Cresol
11. Protein deficiency disease is known as
 - (a) Cushing's disease
 - (b) Fabry's disease
 - (c) Parkinson's disease
 - (d) Kwashiorkor and marasmus
12. Starting of menstrual cycle is called
 - (a) Ovulation (b) Menstruation
 - (c) Menarche (d) Menopause
13. The MTP act was passed in the year
 - (a) 1975 (b) 1971
 - (c) 1986 (d) 2000
14. Annual Parasitic incidence is used to measure the problem of
 - (a) Filariasis (b) Dengue fever
 - (c) Malaria (d) Japanese encephalitis
15. Cell Division Hormone is
 - (a) Auxins (b) Gibberellins
 - (c) Cytokinins (d) None of these
16. The causative organism of plague is
 - (a) *Yersinia pestis* (b) *R. prowazekii*
 - (c) *Corynebacterium* (d) Arbovirus
17. As per the Birth and Death Registration Act all births are to be registered with in a period of
 - (a) 7 days (b) 14 days
 - (c) 21 days (d) 1 month
18. Cyclic AMP is formed from ATP by the enzyme adenylate cyclase which is activated by the hormone
 - (a) Insulin (b) Epinephrine
 - (c) Testosterone (d) Progesterone



MODEL PAPER-8

SCAN ME

To Join **FREE**
Online Test

1. Which of the following cycloalkanes has the **MOST** strain energy
(a) Cyclobutane (b) Cyclopentane
(c) Cyclohexane (d) Cycloheptane
2. Which compound has the highest melting point
(a) Decane
(b) 2,2,3,3-tetramethylbutane
(c) 2,2,3-trimethylpentane
(d) 4-methylnonane
3. Which of the following compounds does **NOT** undergo mutarotation
(a) Glucose (b) Sucrose
(c) Ribose (d) Fructose
4. Gamma rays are electromagnetic radiations with a wave length
(a) Much larger than those of light
(b) Much shorter than those of light
(c) Equal to light
(d) None of the above
5. Mode of transmission of Pertussis
(a) Vector transmission
(b) Through contaminated water
(c) Droplet infection
(d) Faecal-oral
6. Time required to measure the Mantoux test
(a) 24 to 48 hrs. (b) 48 to 72 hrs.
(c) 10 to 12 hrs. (d) 2 to 4 hrs.
7. Name of the oral Polio Vaccine
(a) BCG (b) TAB
(c) Salk (d) Sabin
8. The following are the standard tuberculosis drug except
(a) Chloromycetin (b) Streptomycin
(c) INH (d) PAS
9. The Filariasis is transmitted by
(a) Anopheles female mosquito
(b) Anopheles male mosquito
(c) Culex female mosquito
(d) Culex male mosquito
10. The blood group contain no antibodies
(a) A (b) B (c) O (d) AB
11. The disease that spread through sexual contact is
(a) Leprosy (b) AIDS
(c) Itches (d) Scabies
12. _____ is example for the disease caused by bacteria
(a) Cold (b) Typhoid
(c) Typhus fever (d) Chicken pox
13. A healthy person can donate blood _____ or _____ times a year
(a) Six or seven (b) Five or six
(c) Three or four (d) Two or three
14. Radioactive cobalt and radium are used for the treatment of diseases
(a) Cholera (b) Hemophilia
(c) Cancer (d) Sickle cell anaemia
15. Which of the following is used as humectants in dental preparation
(a) Agar (b) Sorbitol
(c) Methyl cellulose (d) Carbopol
16. Prevalence of T.B. infection in a community is estimated by
(a) Tuberculin test (b) Sputum microscopy
(c) Culture (d) Chest X-ray
17. Reconstituted BCG vaccine should be used with in
(a) 3 hours (b) 6 hours
(c) 18 hours (d) 24 hours
18. The age for BCG vaccination is recommended at
(a) Birth or at 6th week (b) Only 6th week
(c) 6-8 weeks (d) Within 1 year
19. Source of most polio infections are
(a) Clinical cases (b) Sub clinical cases
(c) Carrier (d) Both (b) and (c)



MODEL PAPER-9

SCAN ME

To Join FREE
Online Test

1. **What is reason for causing AIDS**
(a) AMI
(b) Interferon
(c) Destroying of helper T-cells
(d) Destroying of killer T cells
2. **From what Lysergic acid is formed**
(a) Ergot fungi (b) Cannabinoids plants
(c) Heroine (d) THC
3. **Genetic material of virus in macrophage is regenerated in DNA by which enzyme**
(a) Transcriptase
(b) Reverse Transcriptase
(c) RNA polymerase
(d) DNA polymerase
4. **Which plant is responsible for doing hallucination**
(a) *Atropa belladonna* (b) *Datura stramonium*
(c) *Erythroxylum coca* (d) All of these
5. **CDSCO stands for**
(a) Central drug standardization control organization
(b) Central dose standard control organization
(c) Centre for drug standard control organization
(d) Central drug standard control organization
6. **NPPA stands for**
(a) National Pharmaceutical Price Control Authority
(b) National Pharmacy Price Control Authority
(c) National Pharmacy Price Convey Authority
(d) National Pharmaceutical Price Convey Authority
7. **BMI value for normal person**
(a) Below 17 (b) 17-24
(c) Above 30 (d) 25-45
8. **The number of live births per thousand persons in a year is termed as**
(a) Death rate (b) Birth rate
(c) Growth rate (d) None of these
9. **What percentage of World's population lives in India**
(a) 16.5% (b) 17.78%
(c) 20% (d) 15%
10. **Wharton's duct is associated with**
(a) Sublingual salivary gland
(b) Parotid salivary gland
(c) Submaxillary salivary gland
(d) Brunner's glands
11. **Release of pancreatic juice is stimulated by**
(a) Enterokinase (b) Cholecystokinin
(c) Trypsinogen (d) Rennin
12. **Emulsification of fat is carried out by**
(a) Bile pigments (b) Bile salt
(c) HCl (d) Pancreatic juice
13. **After tubectomy which part of the female reproductive system remains blocked**
(a) Cervix (b) Uterine cavity
(c) Ovary (d) Fallopian tube
14. **Malaria- Anopheles female mosquito Dengue**
(a) Culex
(b) Aedes
(c) Falciparum
(d) Anopheles male mosquito
15. **Interferon: cytokine barrier acid in stomach**
(a) Physical Barrier (b) Physiological Barrier
(c) Cellular Barrier (d) Cytokine Barrier
16. **Full form of ICRC**
(a) Indian Committee of the Red Cross
(b) International Committee of the Red Cross
(c) International Commission of the Red Cross
(d) International Committee of the Red Corner
17. **Rabies Vaccine was discovered by**
(a) R. Koch (b) Edward Jenner
(c) L. Pasteur (d) Bayer and Cohen
18. **Half-life for zero order reaction is calculated using**
(a) $t_{1/2} = 0.693/K$ (b) $t_{1/2} = 2.303/K$
(c) $t_{1/2} = 1/ak$ (d) $t_{1/2} = a/2k$





1. **What is the other name for Vitamin B₃**
(a) Pyridoxine (b) Riboflavin
(c) Pantothenic acid (d) Nicotinic acid
2. **Acholic is a type of**
(a) Toxic jaundice (b) Hemolytic jaundice
(c) Amoebic dysentery (d) Obstructive jaundice
3. **Potassium permanganate is an example of**
(a) Acidifying agent (b) Alkalising agent
(c) Reducing agent (d) Oxidising agent
4. **Ammonium Chloride is used as**
(a) Alkalising agent (b) Astringent
(c) Expectorant (d) All of these
5. **An antidote which can be used in cyanide poisoning**
(a) Sodium bicarbonate (b) Sodium nitrite
(c) Dimercaprol (d) Sodium bisulphate
6. **Caffeine with _____ test gives a purple colour as it is a purine alkaloid**
(a) Murexide test
(b) Ninhydrin test
(c) Meconic acid test
(d) Mercurous nitrate test
7. **Fiehe's test is used to detect artificial inverted sugar which is generally an adulterant of honey. It gives instant red colour with resorcinol in hydrochloric acid. this colour is due to the presence of**
(a) Invertase (b) Fructose
(c) Glucose (d) Furfural
8. **Epsom Salt is**
(a) Copper sulphate (b) Magnesium sulphate
(c) Ferrous sulphate (d) Calcium sulphate
9. **Pyridoxine is**
(a) Vitamin B₁ (b) Vitamin B₂
(c) Vitamin B₆ (d) Vitamin B₇
10. **2-Acetoxybenzoic acid is**
(a) Paracetamol (b) Diclofenac
(c) Etoricoxib (d) Aspirin
11. **5-HT antagonist used to control chemotherapy induced nausea and vomiting**
(a) Risperidone (b) Ondansetron
(c) Cyproheptadine (d) Clozapine
12. **Polygalacturonic acid is otherwise known as**
(a) Calamine (b) Kaolin
(c) Bentonite (d) Pectin
13. **The buffer used in the limit test for iron is**
(a) Sodium acetate
(b) Sodium carbonate
(c) Ammonia and ammonium chloride
(d) Ammonium citrate
14. **Dapsone is a medicine used in the treatment of**
(a) Malaria (b) Leprosy
(c) Tuberculosis (d) Epilepsy
15. **Phenobarbitone is**
(a) Long acting (b) Ultra short acting
(c) Intermediate acting (d) Short acting
16. **ICC stands for**
(a) Internal Control Committee
(b) Inspection Control Committee
(c) Infection Control Committee
(d) All of these
17. **What is the main objective of drug distribution within a hospital setting**
(a) Maximizing profits from medication sales
(b) Ensuring the fastest delivery of medications to patients
(c) Providing accurate and safe distribution of medications to patients
(d) Reducing the number of medications in stock
18. **The patient, who requires hospitalization are**
(a) Inpatient (b) Out patient
(c) Referred patient (d) None of these
19. **The Latin term Jurisprudential (Jurisprudence) means knowledge of**
(a) Regulations (b) Law
(c) Ethics (d) Profession