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Question Booklet Alpha Code

A

	Question Booklet Sl. No.
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Total Number of Questions : 100

Time : 75 Minutes

Maximum Marks : 100

INSTRUCTIONS TO CANDIDATES

1. The Question Paper will be given in the form of a Question Booklet. There will be four versions of Question Booklets with Question Booklet Alpha Code viz. **A, B, C & D**.
2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the Question Booklet.
3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
4. If you get a Question Booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.
5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your Question Booklet is un-numbered, please get it replaced by new Question Booklet with same alpha code.
6. The Question Booklet will be sealed at the middle of the right margin. Candidate should not open the Question Booklet, until the indication is given to start answering.
7. Immediately after the commencement of the examination, the candidate should check that the Question Booklet supplied to him/her contains all the 100 questions in serial order. The Question Booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
8. A blank sheet of paper is attached to the Question Booklet. This may be used for rough work.
9. **Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.**
10. Each question is provided with four choices **(A), (B), (C)** and **(D)** having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.
11. **Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.**
12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

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1. Caustic soda is
 - A) Sodium hydroxide
 - B) Sodium chloride
 - C) Sodium carbonate
 - D) Sodium bicarbonate

2. Which among the following preparation is used as a source of iodine in iodine deficiency ?
 - A) Weak iodine solution
 - B) Strong iodine solution
 - C) Aqueous iodine solution
 - D) Iodine tincture

3. In the assay of boric acid, glycerin is added to boric acid to
 - A) Dissolve boric acid
 - B) Increase basicity
 - C) Increase acidity
 - D) Decrease acidity

4. In cyanide poisoning, sodium nitrite is used as an antidote along with which compound ?
 - A) Sodium metabisulphite
 - B) Sodium thiocyanate
 - C) Potassium iodide
 - D) Sodium thiosulphate

5. An antiseptic solution generally used for cleaning wounds and ears is
 - A) Hydrogen peroxide solution
 - B) Lugol's solution
 - C) Ammonia solution
 - D) Potassium permanganate solution

6. Drugs which help in eliminating exudations from bronchi are known as
 - A) Emetics
 - B) Expectorants
 - C) Astringents
 - D) Cathartics

7. Calcium gluconate is assayed by
 - A) Acid – base titration
 - B) Redox titration
 - C) Complexometric titration
 - D) Non-aqueous titration

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8. Chlorinated lime and boric acid solution is known as
A) Eusol
B) Lysol
C) Lugol's solution
D) Dakin's solution
9. Bleaching powder is
A) Chlorinated lime
B) Soda lime
C) Sodium bicarbonate
D) Calcium carbonate
10. Nutritional deficiency of calcium leads to
A) Hypercalcaemia
B) Hypokalemia
C) Hypocalcaemia
D) Hyponatremia
11. In radiation sterilization, the gamma rays were obtained from
A) Cobalt – 60
B) Iodine – 131
C) Gold – 198
D) Selenium – 80
12. Which among the following method is used for the sterilization of surgical dressings ?
A) Dry heat sterilization
B) Moist heat sterilization
C) Gaseous sterilization
D) Radiation sterilization
13. Which among the following method represent the chemical cold sterilization method ?
A) Sterilization using gases
B) Sterilization by filtration
C) Sterilization using radiation
D) Sterilization using moist heat
14. The membrane filters used for sterilization has the pore size of
A) $0.02 \pm 0.01 \mu\text{m}$
B) $0.22 \pm 0.02 \mu\text{m}$
C) $0.11 \pm 0.01 \mu\text{m}$
D) $0.65 \pm 0.02 \mu\text{m}$

A

15. The optimum moisture content of the capsule shell is ranged between
- A) 12 – 15%
 - B) 2 – 6%
 - C) 8 – 12%
 - D) 18 – 22%
16. The unequal distribution of colour on the surface of the tablet is known as
- A) Orange-peel effect
 - B) Twinning
 - C) Bloom
 - D) Mottling
17. Which among the following material is used for enteric coating of tablet ?
- A) Cellulose acetate phthalate
 - B) Hydroxypropyl methyl cellulose
 - C) Methylhydroxy ethyl cellulose
 - D) Polyethylene glycols
18. The flow properties of the granules from hopper to die of the tablet machine is improved by the addition of
- A) Disintegrants
 - B) Binders
 - C) Glidants
 - D) Diluents
19. Which among the following capsule number represent the maximum capacity of the capsule ?
- A) 000
 - B) 5
 - C) 4
 - D) 0
20. The plasticizer used in capsule shell is
- A) Silicones
 - B) Glycol ester
 - C) Talc
 - D) Glycerol

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21. Cupraloin test is used for the identification of
A) Aloe emodin B) Arabinose C) Aloesin D) Isobarbaloin
22. Give an example of Antidiabetic drug.
A) Picrorhiza B) Pterocarpus C) Punarnava D) Ipecac
23. Reagent used in Ergotoxine test
A) Paramethyl amino benzaldehyde, sulphuric acid and ferric chloride
B) Amino ethyl benzaldehyde, sulphuric acid and ferric chloride
C) Paradimethyl amino benzaldehyde, sulphuric acid and ferric chloride
D) Diethyl amino benzaldehyde, sulphuric acid and ferric chloride
24. Rhubarb belongs to the family
A) Rhamnaceae B) Polygonaceae
C) Rosaceae D) Combretaceae
25. Steroid found in the flowers and leaves of *Digitalis purpurea*
A) Digoxigenin B) Digitoxose
C) Digitalose D) None of the above
26. Which of the following is the substitute of cinchona bark ?
A) Cuprea bark B) Peruvian bark
C) Jesuits bark D) Countess bark
27. Senna consists of the
A) Dried leaflets of *Cassia auriculata* belongs to the family Liliaceae
B) Dried leaflets of *Cassia acutifolia* belongs to the family Leguminosae
C) Dried leaflets of *Cassia fistula* belongs to the family Liliaceae
D) Dried leaflets of *Cassia auriculata* belongs to the family Leguminosae
28. Gum resin derived from incision given on the stem of *Commiphora mukul* is
A) Myrrh B) Benzoin C) Tolu D) Guggul
29. Which of the following is the purest form of *Asafoetida* ?
i) Paste ii) Mass iii) Tear
A) Only ii and iii B) Only i and ii
C) Only i and iii D) All of the above i, ii and iii
30. Raw opium that has been treated to render it for smoking and that contains about eight percent of morphine is known as
A) Poppy straw B) Hemp
C) Opium residue D) Prepared opium

A

51. Paracetamol overdose is treated with
A) N-Acetyl Cysteine
B) Calcium Disodium EDTA
C) d-Penicillamine
D) Dimercaprol
52. Inhibition of GABA transaminase enzyme is mainly done by
A) Sodium valproate
B) Phenobarbitone
C) Phenytoin
D) Carbamazepine
53. The antiviral agent also used in treatment of Parkinsonism
A) Levodopa
B) Amantadine
C) Selegiline
D) Carbidopa
54. Diagnostic agent used in Myasthenia gravis
A) Pralidoxime
B) Neostigmine
C) Physostigmine
D) Edrophonium
55. The most potent mydriatic agent with longest duration of action
A) Homatropine
B) Tropicamide
C) Atropine
D) Cyclopentolate
56. Which of the following is not a second generation Antihistamine ?
A) Astemizole
B) Promethazine
C) Cetrizine
D) Loratidine
57. The cardiac glycoside commonly given by parenteral route in emergency
A) Ouabaine
B) Digitoxin
C) Digoxin
D) Milrinone
58. The angiotensin receptor antagonist used in hypertension
A) Captopril
B) Enalapril
C) Losartan
D) Nifedipine
59. Insulin is usually given to diabetic patients by which route ?
A) Oral
B) Intravenous
C) Intraspinal
D) Subcutaneous
60. The drug of choice for treatment of Typhoid fever is
A) Erythromycin
B) Amoxicillin
C) Chloramphenicol
D) Nafcillin

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61. The licence for wholesale of drugs specified in Schedule X is issued in
- A) Form 20 A
 - B) Form 20 B
 - C) Form 20 F
 - D) Form 20 G
62. Anyone who contravenes any provision of the Drugs and Magic Remedies Act shall on first conviction be liable to
- A) 1 month of imprisonment or fine or both
 - B) 3 months of imprisonment or fine or both
 - C) 6 months of imprisonment or fine or both
 - D) 1 year of imprisonment or fine or both
63. Offences committed under NDPS Act, 1985 shall be triable by the Special Court constituted under the Act, where the punishment is
- A) More than 5 years
 - B) More than 3 years
 - C) More than 2 years
 - D) More than 1 year
64. Intra-uterine devices are tested at
- A) Central Research Institute, Kasauli
 - B) Central Drugs Testing Laboratory, Thane
 - C) Central Drugs Laboratory, Calcutta
 - D) Indian Pharmacopoeial Laboratory, Ghaziabad
65. Loan licence is issued under Drugs and Cosmetics Act for the manufacture of drugs other than those specified in
- A) Schedule C
 - B) Schedule C1
 - C) Schedule X
 - D) All of the above
66. Drug inspectors should intimate the purpose of taking drug samples to the person concerned in
- A) Form 15
 - B) Form 16
 - C) Form 17
 - D) Form 18

A

67. The first Central Council was constituted by the Central Government in
- A) 1947
 - B) 1948
 - C) 1949
 - D) 1950
68. The Narcotic Drugs and Psychotropic Substances Order came into force in
- A) 1983
 - B) 1985
 - C) 1993
 - D) 1995
69. If a drug contains any harmful or toxic substance, which may render it injurious to health, it is called
- A) Adulterated drug
 - B) Spurious drug
 - C) Misbranded drug
 - D) Not of standard quality drug
70. The number of nominated members to the State Pharmacy Council are
- A) 3
 - B) 4
 - C) 5
 - D) 6
71. Inventories moving temporarily because of seasonal production are called
- A) Obsolete items
 - B) Surplus items
 - C) Dormant items
 - D) Scrap items
72. A modern drug store should fulfil all minimum requirements as specified in _____ of the Drugs and Cosmetics Act, 1940 and Rules 1945.
- A) Schedule M
 - B) Schedule N
 - C) Schedule P
 - D) Schedule S

81. The efficiency of HEPA filter can be tested using
- A) Sterility test
 - B) Clarity test
 - C) Dioctyl phthalate smoke test
 - D) Particle counter
82. Pharmacy and Therapeutic Committee has role except in
- A) ADR monitoring and reporting
 - B) Preparation of drug list and emergency supplies
 - C) Medical record services
 - D) Drug utilization review
83. MEDLINE is a drug information resource categorised under
- A) Primary resource
 - B) Secondary resource
 - C) Tertiary resource
 - D) Primary literature
84. Test for water holding capacity is stated in Indian Pharmacopoeia for
- A) Adhesive tape
 - B) Elastic bandage
 - C) Crepe bandage
 - D) Absorbent cotton wool
85. 'Clean room area' means
- A) Socially clean area free from particulate matter
 - B) Socially clean area
 - C) Aseptic area
 - D) Area with high standards of cleanliness and hygiene
86. Satellite pharmacy a mode of drug distribution system under
- A) Charge floor stock system
 - B) Centralised unit dose dispensing system
 - C) Decentralised unit dose dispensing system
 - D) Individual prescription system
87. Automatic stop order is used for
- A) OTC drugs
 - B) Dangerous drugs
 - C) Orphan drugs
 - D) Counterfeit drugs

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88. Absorbable suture is
A) Nylon suture 2/0 (reverse cutting)
B) Silk suture braided 2/0
C) Cotton
D) Catgut chromic 2/0
89. Tuberculin syringe is available in
A) 1 ml B) 2 ml C) 3 ml D) 5 ml
90. Which one is used for aspiration of stomach contents ?
A) Endotracheal tube
B) Ryle's tube
C) Metal catheter
D) Rubber catheter
91. Withdrawal symptoms of opioids can be managed with
A) Oxycodone
B) Meperidine
C) Methadone
D) Heroin
92. Bioavailability increases when drugs are in
A) non-ionised form
B) ionised form
C) crystalline form
D) hydrated form
93. Insulin induced hypoglycaemia is classified under
A) Type A Adverse Drug Reaction
B) Type B Adverse Drug Reaction
C) Type C Adverse Drug Reaction
D) Type D Adverse Drug Reaction
94. A method to improve patient compliance is
A) Patient counselling
B) Proper packaging and labelling
C) Simplification of medication regimens
D) All the above

A

95. Serum sodium level is
- A) 3.4 – 4.5 mmol/L
 - B) 2.2 – 2.6 mmol
 - C) 135 – 145 mmol/L
 - D) 110 – 120 mmol/L
96. Metoclopramide if given with paracetamol
- A) Increase metabolism of paracetamol
 - B) Decrease analgesic effect
 - C) Decrease onset time for analgesia
 - D) Combination is pharmacologically inactive
97. Fatigue, weight loss, chronic cough, night sweats, chest pain are clinical symptoms of
- A) Angina pectoris
 - B) Tuberculosis
 - C) Hypertension
 - D) Diabetes mellitus
98. HBsAg testing is done to detect the presence of
- A) Hepatitis A virus
 - B) Chickenpox virus
 - C) Hepatitis B virus
 - D) Hepatitis C virus
99. Amphetamine poisoning can be treated with
- A) Thiamine
 - B) Ascorbic acid
 - C) Sodium bicarbonate
 - D) Ammonia
100. If two or more dosage forms of same drug contain same labelled quantities of the drug, they are
- A) Therapeutic equivalent
 - B) Chemical equivalent
 - C) Clinical equivalent
 - D) None of these
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Space for Rough Work

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