

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

TEST BOOKLET NO-25027

MAIN PAPER

Time Allowed: 1:30 hrs

LAB ASSISTANT & STOREKEEPER

Maximum Marks: 150

INSTRUCTIONS TO CANDIDATES

Read the instructions carefully before answering the questions: -

1. This Test Booklet consists of 12 (twelve) pages and has 60 (sixty) items (questions).
2. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
3. Please note that it is the candidate's responsibility to fill in the Roll Number and other required details carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet and the Separate Answer Booklet. Any omission/discrepancy will render the OMR Answer Sheet and the Separate Answer Booklet liable for rejection.
4. Do not write anything else on the OMR Answer Sheet except the required information. Before you proceed to mark in the OMR Answer Sheet, please ensure that you have filled in the required particulars as per given instructions.
5. Use only Black Ball Point Pen to fill the OMR Answer Sheet.
6. This Test Booklet is divided into 2 (two) parts – Part – I and Part – II.
7. All four parts are Compulsory.
8. Part-I consists of Multiple Choice-based Questions. The answers to these questions have to be marked in the OMR Answer Sheet provided to you.
9. Part - II consists of Conventional Questions. The answers to these questions have to be written in the Separate Answer Booklet provided to you.
10. In Part-I, each item (question) comprises of 04 (four) responses (answers). You are required to select the response which you want to mark on the OMR Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
11. After you have completed filling in all your responses on the OMR Answer Sheet and the Answer Booklet(s) and the examination has concluded, you should hand over to the Invigilator **only the OMR Answer Sheet and the Answer Booklet(s)**. You are permitted to take the Test Booklet with you.
12. **Penalty for wrong answers in Multiple Choice-based Questions:**
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE.
 - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third** of the marks assigned to the question will be deducted as penalty.
 - (ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to the question.
 - (iii) If a question is left blank. i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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PART – I

MULTIPLE CHOICE BASED QUESTIONS

Instructions for Questions 1 to 50:

- Choose the correct answer for the following questions
- Each question carries 2 marks (50 x 2 = 100 marks)

Q1. Out of the following, which agent can be used topically.

- A. Valproic Acid
- B. Tolazoline
- C. Silver Nitrate
- D. Sulphiride

Q2. Which is a beta-2 agonist.

- A. Atenolol
- B. Salbutamol
- C. Both of the above
- D. None of the above

Q3. SOP means

- A. Severe Overall Protocol
- B. Standard Overdue Plant
- C. Service Operation Services
- D. Standard Operating Procedure

Q4. Tricyclic Amines are

- A. Diuretic
- B. Antihypertensive
- C. Anti-Depressant
- D. Antiasthmatics

Q5. Starch is a

- A. Polysaccharide
- B. Carbohydrate
- C. Disintegrating agent
- D. All of the above

Q6. Beta Oxidation is a process in

- A. Proteins
- B. Fatty Acids
- C. Glucose
- D. Beta-Blockers

Q7. COPD means

- A. Consumer operation protocol development
- B. Customer operative pulmonary device
- C. Chronic ocular preventive device
- D. Chronic obstructive pulmonary disease

Q8. Drugs and Cosmetic Act was enacted in the year

- A. 1940
- B. 1948
- C. 1956
- D. 1954

Q9. The registration of Pharmacists falls under

- A. CDSCO
- B. ADR
- C. PCI- state
- D. PCI- district

Q10. The Pharmacy and Therapeutics Committee (PTC) focuses on preventing and monitoring

- A. Side effects
- B. ADR
- C. Prescription Error
- D. None of the above

Q11. Drugs used to relieve pain are called

- A. Antipyretics
- B. Analgesics
- C. Antibiotics
- D. Antipruritics

Q12. Which of following are structural features of trachea.

- A. C- shaped cartilage
- B. Smooth muscle fibers
- C. Cilia
- D. All of the above

Q13. Which hormone exerts the greatest influence on metabolism?

- A. Cortisone
- B. Insulin
- C. Thyroxine
- D. Parathormone

Q14. What are male gametes called?

- A. Epididymis
- B. Scrotum
- C. Sperms
- D. Testis

Q15. The spinal cord is continuous with which region of brain?

- A. Cerebrum
- B. Pons
- C. Midbrain
- D. Medulla Oblongata

Q16. Which of following is a fixed oil?

- A. Fennel oil
- B. Rose oil
- C. Liquid Paraffin
- D. Sesame oil

Q17. Which drug is not under OTC?

- A. Glimepiride
- B. Paracetamol
- C. Ibuprofen
- D. Ranitidine Hydrochloride

Q18. Myotic drugs

- A. Constrict the pupil of the eye
- B. Constrict the blood vessels
- C. Dilate the blood vessels
- D. Dilate the pupil of the eye

Q19. MAO inhibitor can interact with

- A. Antihypertensive
- B. Diuretics
- C. Antipyretics
- D. Thrombolytic

Q20. Which of the following is the theory / formula in size reduction ?

- A. Darcy's Law
- B. Kick's Law
- C. Poiseuille's Equation
- D. Kozeny Education

Q21. Which part of Ipecac is used as medicine?

- A. Stem
- B. Root
- C. Seed
- D. None of the above

Q22. What is the principal of size reduction?

- A. Impact
- B. Attrition
- C. Cutting
- D. All of the above

Q23. Which of the following is anti-anginal drug.

- A. Nefadepine
- B. Anlodipine
- C. Iso-sorbide dinitrate
- D. Hydralazine

Q24. Which crude drug can be taken for pain relieving?

- A. Glycerryza
- B. Asafetida
- C. Colchicum seed
- D. Punarnava

Q25. How many ATPs are produced in kreb's cycle directly from one molecule of glucose?

- A. 2
- B. 6
- C. 32
- D. 8

Q26. TFR is linked with

- A. Study of total female ratio
- B. Maternal health and child survival
- C. Reverse flow ratio
- D. None of above

Q27. Intervention at very initial stage of disease process with early diagnosis and treatment comes under

- A. Primary Prevention
- B. Secondary Prevention
- C. Tertiary prevention
- D. None of the above

Q28. Drugs are excreted from the body through

- A. Kidney
- B. Saliva
- C. Sweat
- D. All of the above

Q29. BCG vaccine is given through

- A. Intramuscular
- B. Oral
- C. Topical
- D. Intradermal

Q30. Which substance has more chances of destroying a home before destroying liver?

- A. Nicotine
- B. Ethyl Alcohol
- C. B- Carotene
- D. Caffeine

Q31. Balwadi Nutritional Programme is for children in the age group of

- A. 02 to 4 years
- B. 01 to 03 years
- C. 07 to 10 years
- D. 03 to 06 years

Q32. Adverse drug reaction is monitored by

- A. Drug Technical advisory board
- B. Pharmacy and Therapeutics committee
- C. Pharmacy Council of India
- D. Medication order supply and individual charge system

Q33. Which of the following ensures uniform flow ?

- A. Laminar flow
- B. Biosafety hood
- C. Fume hood
- D. all of the above

Q34. What is the temperature range of cold storage condition in pharmacy ?

- A. 20°C - 24° C
- B. 10°C - 12° C
- C. 2° C - 8°C
- D. -4°C - 0°C

Q35. The chemical formula of Epsom salt is

- A. $\text{Mg SO}_4 \cdot 7\text{H}_2\text{O}$
- B. NaHCO_3
- C. CaCO_3
- D. $\text{Al}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$

Q36. Which of the following is a water soluble vitamin?

- A. Vitamin A
- B. Vitamin D
- C. Vitamin K
- D. Vitamin C

Q37. Which mineral is the active form of insulin molecule?

- A. Cobalt
- B. Selenium
- C. Copper
- D. Zinc

PART – II

SHORT ANSWER TYPE QUESTIONS (10 X 5 MARKS = 50 MARKS)

51. Briefly state the history of Indian Pharmacopoeia. Which is the recent IP.
52. What is difference between vaccine and sera? Give at least 03 examples
53. What are the effects of parasympathomimetic agents? Give four names of beta blockers.
54. Name five herbs having following properties.
(i.e. name five herbs in each categories not combined)
- A. Antibiotic B. Anti tussive
55. What is
- A. CRM
B. GMP
C. PPI
D. OTC
E. AIDS
56. How will you handle a patient having sudden (Acute) Myocardial Infarction (MI)?
57. What are the benefits of OTC medicines?
58. How will you arrange the store room of a typical pharmacy?
59. Enlist categories or type of offences in Drugs and Magic Remedies act 1954.
60. Give five examples of various
- A. Preservatives with permissible limits
B. Modified Tablets.

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