

PHARMACOLOGY, PATHOLOGY AND GENETICS**Time: 3 Hours****Max Marks: 75****Note:** Answer part A & B questions in two separate answer books

Question in part “A” should not be answered in part “B” and vice versa. Otherwise they will not be valued

**PART-A
(PHARMACOLOGY) 38 Marks****Choose the correct answer for the following MCQs****7 X 1 = 7**

1. Drugs used to relieve pain are
 - a) Antipyretics
 - b) Analgesics
 - c) Antibiotics
 - d) Antipruritic
2. Which vitamin is also known as anti-sterility vitamin
 - a) Vitamin C
 - b) Vitamin E
 - c) Vitamin K
 - d) Vitamin A
3. Which of the following antibiotics have bactericidal action
 - a) Albendazole
 - b) Vancomycin
 - c) Chloramphenicol
 - d) Penicillin
4. A drug that relieves itching is
 - a) Antiseptics
 - b) Antipruritic
 - c) Anti-infective
 - d) Anti-inflammatory
5. Opioid analgesics can produce
 - a) Sedation and Analgesia
 - b) Euphoria and Respiratory depression
 - c) Nausea and Constipation
 - d) All of the above
6. Meaning of abbreviation c.m.
 - a) Each morning
 - b) Tonight
 - c) Tomorrow morning
 - d) Each night
7. Test dose of penicillin is administered by which of the following route
 - a) Subcutaneous
 - b) Intra venous
 - c) Intra muscular
 - d) Intra dermal

Write an essay on any ONE of the following:**1 X 10 = 10**

8. Describe Antihistamines. write classification, Mechanism of action, adverse effect of Antihistamines in detail.
9. Write in detail about alternative system of medicine.

Write a short note on any THREE of the following:**3 X 5 = 15**

10. List any four anticoagulants. Explain the side effects of anticoagulants.
11. Classify muscle relaxants. Write their action and adverse reaction with suitable examples.
12. Therapeutic uses and adverse effects of Barbiturates
13. Vaccine and sera.

Write briefly on the following:**3 X 2 = 6**

14. Four drugs using in Emergency.
15. List any four diuretics.
16. Name any antifungal ear drops. Write its contraindications.

PART-B
(PATHOLOGY & GENETICS) 37 Marks
SECTION-A: PATHOLOGY (25 Marks)

Choose the correct answer for the following MCQ:

4 X 1 = 4

17. The most common cause haemorrhagic pleural effusion is
 - a) Tuberculosis
 - b) Malignancy
 - c) Traumatic
 - d) Pneumonia
18. One of the following organelle is very critical in all cell injuries
 - a) Ribosomes
 - b) Lysosomes
 - c) Golgi zone
 - d) Mitochondria
19. Depended Oedema is seen in
 - a) Cirrhosis
 - b) Malnutrition
 - c) Nephrotic syndrome
 - d) Congestive Cardiac failure
20. Warthin's tumour affects which organ
 - a) Sebaceous glands
 - b) Parotid glands
 - c) Breast
 - d) skin

Write a short note on any THREE of the following:

3 X 5 = 15

21. Write pathological changes in Bronchial Asthma.
22. Write etiopathology and clinical features of hydrocephalus.
23. Name the examinations done on sputum with inferences.
24. Fibroadenoma.

Write briefly on the following:

3 X 2 = 6

25. Name the sites of CSF aspiration and its inferences.
26. Types of cirrhosis.
27. Clinical manifestations of meningitis.

SECTION-B: GENETICS (12 Marks)

Choose the correct answer for the following MCQ

3 X 1 = 3

28. The common laws of inheritance were coined by
 - a) William Boyd
 - b) John Gregor Mendel
 - c) Rudolph Virchow
 - d) Walton Sutton
29. The Letter "S" in a cell cycle usually indicated
 - a) Growth
 - b) Cell division
 - c) Synthesis
 - d) Survival
30. The normal number of base pairs in human DNA is...
 - a) One billion
 - b) Three billion
 - c) Five billion
 - d) Ten billion

Write a short note on any ONE of the following:

1 X 5 = 5

31. Role of nurses in genetics.
32. Prenatal testing and diagnosis.

Write briefly on the following:

2 X 2 = 4

33. Infertility.
34. Neural tube defects.
