



National Testing Service Pakistan

Plot # 96, Street # 4, H-8/1 Islamabad

DISPENSING TECHNOLOGY

SAMPLE PAPER

TIME ALLOWED: 2:35 HOURS (Section B and C) 25 Minutes (Section A)

TOTAL MARKS: SECTION A = 20, B AND C = 80

ANSWER ALL QUESTIONS FROM SECTION A

ANSWER ANY TWENTY-FIVE PARTS FROM SECTION B AND ANY THREE QUESTIONS FROM SECTION C

Q.1 Circle the correct option i.e. A / B / C / D. Each part carries one mark.

- (1) Pneumonia is the disease of:
 A. Stomach B. Lungs
 C. Heart D. Kidney
- (2) What disease is caused by Mycobacterium bacteria?
 A. Cholera B. Measles
 C. Tetanus D. Tuberculosis
- (3) Mitral valve is also known as:
 A. Tricuspid valve B. Bicuspid valve
 C. Aortic valve D. pulmonary valve
- (4) Nephrology is the study of:
 A. Lungs B. Kidney
 C. Heart D. kidney
- (5) Among them which one is disease of Male Gender.
 A. Prostatitis B. Cholecystitis
 C. Nephritis D. Pharyngitis
- (6) Megaloblastic anemia is caused by deficiency of:
 A. Vitamin D B. Vitamin B 12
 C. Vitamin K D. Vitamin C
- (7) The common complication developed from Cholera if untreated is:
 A. Pre-renal failure B. Cardiac failure
 C. Respiratory failure D. none of above
- (8) Which one is the 7th Cranial nerve:
 A. Facial nerve B. Optic nerve
 C. Abducent nerve D. Vagus nerve
- (9) Appendix is present behind:
 A. Stomach B. Ceacum
 C. Ileum D. Ascending Colon
- (10) Peptic ulcer is the other name of:
 A. Stomach ulcer B. Duodenal ulcer
 C. both a and b D. none of these
- (11) Angina occurred by pain in:
 A. Heart B. Neck
 C. Stomach D. kidneys
- (12) Rheumatology is the study of:
 A. Lungs disease B. Kidneys disease
 C. Joints disease D. Bladder disease
- (13) What are the symptoms of Diabetes Mellitus?
 A. Increased hunger B. Increased appetite
 C. Polyuria D. All of these
- (14) Which vaccine is given in first 24 hours of life soon after birth?
 A. BCG B. Engerix B
 C. MMR D. pneumococcal vaccine
- (15) All are the organs of Pelvic cavity except:
 A. Heart rate B. Urinary bladder
 C. Rectum D. Uterus

- (16) Vision can be disturbed by defect in which nerve:
- A. Field nerve B. Vestibule cochlea nerve
C. Optic nerve D. Vegus nerve
- (17) Scurvy is the disease caused by deficiency of:
- A. Vitamin K B. Vitamin A
C. Vitamin C D. Vitamin D
- (18) The inflammation of Gall Bladder is known as:
- A. Pancreatitis. B. Cholecystitis.
C. Cystitis. D. laryngitis
- (19) Bile is produced by:
- A. Gall Bladder B. Uterus filling.
C. Kidney D. Pancreas
- (20) What is the normal value of Cardiac Output:
- A. 6L B. 4L
C. 3L D. 5L

Note: Answer any twenty five parts from Section 'B' and attempt any three questions from Section 'C' on the separately provided answer book. Write your answers neatly and legibly.

SECTION – B (Marks 50)

Q.2 Attempt any **TWENTY FIVE** parts from the following. All parts carry equal marks. Be brief and to the point. (25 × 2 = 50)

1. What is hypertension? Write its normal value.
2. Define Dermatology.
3. What is Hepatitis? Name its types and causes?
4. What do you mean by Bell's palsy?
5. Draw the Renal tract and label it?
6. What is tonsillitis? Write its management?
7. Define Cataract? Write management of Cataract?
8. Write clinical picture of Cholera?
9. Define Pulmonology and Oncology?
10. Write the risk factors of Myocardial Infarction?
11. Enlist the 3 divisions of Small intestine with their lengths?

12. Name the types of Joints with examples?
13. What is stroke? Briefly discuss.
14. Write the Exocrine and Endocrine functions of Pancreas?
15. Draw and label the diagram of Stomach?
16. What do you mean by Anemia? Name the types of it.
17. Write the SOPs for COVID 19 infections.
18. Write the management of Scabies.
19. Draw the labeled diagram of Humerus.
20. Give clinical picture of Hypothyroidism.
21. Write the Causing agents of Tetanus, Polio, Diphtheria, Pertussis.
22. Enlist the responsibilities of Dispenser.
23. Define Meningitis, Pancreatitis and Laryngitis.

24. Name the vaccine for hepatitis B.
25. Enlist I/v (intravenous) infusions used in emergency for patients.
26. What is Cystitis? Discuss briefly.
27. Name the outer covering of Lungs and Heart.
28. Discuss the treatment of Bronchial Asthma.
29. Enlist types of bandages.
30. What diagnostic tests are done for diagnosing T.B?
31. What does AIDs stand for?
32. What healthy life style are recommended for diabetic patients?
33. What are three levels of health care system?

SECTION – C (Marks 30)

Note: Attempt any **THREE** questions. All questions carry equal marks. (3×10 = 30)

- Q.3** What is Cholecystitis? Give clinical picture of it, discuss its first aid treatment in emergency room?
- Q.4** Discuss Tuberculosis in detail, its causing agent, clinical picture and management?
- Q.5** What is UTI stand for? Write its causes and emergency management?
- Q.6** Discuss Epistaxis, writes its causes and management?
- Q.7** What do you mean by Enteric fever? Name the causing agent, discuss its management.

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