



ER20-24T

8104

BOARD DIPLOMA EXAMINATION, (ER-20) MAY—2023

DPH - SECOND YEAR EXAMINATION

PHARMACOTHERPEUTICS

Time : 3 Hours ]

[ Total Marks : 80

**PART—A**

5×6=30

**Instructions :** (1) Answer *any six* questions.

(2) Each question carries **five** marks.

(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. Define Hypertension and write the Nonpharmacological and Pharmacological Managements of Hypertension. 5
2. Define Diabetes mellitus and write the Clinical manifestations and Pharmacological Management of Diabetes mellitus. (1+2+2=5)
3. Write the Etiopathogenesis, Clinical manifestations and Pharmacological Management of Malaria. (2+1+2=5)
4. Define Epilepsy, write the Clinical manifestations and Pharmacological management of Epilepsy. (1+2+2=5)
5. Write the Clinical manifestations, Nonpharmacological and Pharmacological Management of Depression. (1+2+2=5)
6. Write the Clinical manifestations Etiopathogenesis and Nonpharmacological Management of SARS-Cov-2. (2+2+1=5)
7. Write the Etiopathogenesis, Clinical manifestations and Pharmacological Management of Asthma. (2+1+2=5)

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## PART—B

- Instructions :** (1) Answer *any ten* questions.  
(2) Each question carries **three** marks.  
(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

8. Define Pharamacotherapeutics and write the objectives of Pharamacotherapeutics: 3×10=30  
1+2=
9. Define (a) Angina pectoris, (b) Hyperlipidaemia and (c) Congestive Heart Failure. 1+1+1=
10. Define (a) Hyperthyroidism and (b) Hypothyroidism. 1½+1½=
11. Define (a) Iron deficiency Anaemia and (b) Megaloblastic anaemia. 1½+1½=
12. Define (a) Polycystic ovary syndrome and (b) Glaucoma. 1½+1½=
13. Define (a) Gastro Oesophageal Reflux disease and (b) Stroke. 1½+1½=
14. Define (a) Inflammatory Bowel disease and (b) Gonorrhoea. 1½+1½=
15. Write the Clinical manifestations of HIV and Pneumonia. 1½+1½=
16. Write the Pharmacological Management of Parkinson's disease. 3
17. Write the Pharmacological Management of peptic ulcer disease. 3
18. Write the Pharmacological management of Tuberculosis. 3

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PART—C

1×20=20

- Instructions :** (1) Answer the following questions.  
(2) Each question carries **one** mark.

19. Which of the following involves the use of medicine in treatment of disease, conditions and symptoms?
- (a) Pharmacodynamics
  - (b) Pharmacotherapeutics.
  - (c) Pharmacokinetics
  - (d) None of the above
20. Most common type of Angina is
- (a) Unstable angina
  - (b) Coital angina
  - (c) Stable angina
  - (d) Microvascular angina
21. Which of the following vitamins is used to decrease LDL cholesterol and triglycerides?
- (a) Vitamin -B1
  - (b) Vitamin -B2
  - (c) Vitamin -B6
  - (d) Vitamin -B3
22. Rapid heart rate, weight loss, heat sensitivity are most likely the symptoms of
- (a) Thyroid cancer
  - (b) Hypothyroidism
  - (c) Hyperthyroidism
  - (d) All of the above

23. Alzheimer's disease is the most common form of which of these?
- (a) Malnutrition
  - (b) Dementia
  - (c) Fatigue
  - (d) Psychosis
24. Amino Salicylates are used for the treatment of
- (a) Alcoholic liver disease
  - (b) Ulcerative colitis
  - (c) Peptic ulcers
  - (d) Gastroesophageal Reflux Disease
25. Which of the following is **not** used as first line of drug for the treatment of Tuberculosis?
- (a) Rifampicin
  - (b) Isoniazide
  - (c) Ethambutol
  - (d) None of the above
26. Iron deficiency Anaemia is
- (a) Microcytic, Hypochromic
  - (b) Microcytic, Normochromic
  - (c) Macrocytic, Normochromic
  - (d) Macrocytic, Hypochromic
27. Malaria is caused by
- (a) Bacteria
  - (b) Fungi
  - (c) Virus
  - (d) Protozoa

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28. Sexual stage of Malarial parasites occurs in
- (a) Mosquito
  - (b) Human Liver
  - (c) Erythrocytes
  - (d) All of the above
29. Select the Atypical Antipsychotic drug among the following
- (a) Clozapine
  - (b) Haloperidol
  - (c) Perphenazine
  - (d) Molindone
30. Symptoms of Primary Dysmenorrhoea are mainly due to release of
- (a) Prostaglandins
  - (b) Histamines
  - (c) Serotonin
  - (d) Epinephrine
31. Phenytoin sodium is used as an
- (a) Antihypertensive drug
  - (b) Antiulcer drug
  - (c) Antimalarial drug
  - (d) Anticonvulsant drug
32. Adefovir is drug of Choice to treat
- (a) Hepatitis-A
  - (b) Hepatitis-B
  - (c) Hepatitis-C
  - (d) Hepatitis-D

33. Sulphasalazine is used for the treatment of
- (a) Ulcerative colitis,
  - (b) Rheumatoid Arthritis
  - (c) Both (a) and (b)
  - (d) None of the above
34. The Current NLEM (National List of Essential Medicines) of India contains \_\_\_\_\_ medicines.
35. Parkinson disease is caused by loss or degeneration of \_\_\_\_\_ neurons.
36. Syphilis is caused by \_\_\_\_\_.
37. Chlorpromazine is used for the treatment of \_\_\_\_\_.
38. Artemether is used for the treatment of \_\_\_\_\_ disease.

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