

S. B. Roll. No.....

PHARMACOTHERAPEUTICS
2nd Exam/Pharmacy/3034/Nov'24
(For 2021 Batch Onwards)

Duration: 3Hrs.

M.Marks:80

Q1. Give answer in one line.

20x1=20

- a. What is essential hypertension?
- b. What is insulin-dependent mellitus? Why does it happen?
- c. What is essential medicines list? On what basis are drugs included in this list?
- d. Differentiate between hypoxia and ischemia.
- e. What is myocardial infarction?
- f. Name two hypolipidaemic drugs.
- g. Name two non-cardiovascular diseases where propranolol is used.
- h. What is thyroid storm? How is it managed with drugs?
- i. Name two diseases in which barbiturates are used.
- j. What is pernicious anaemia? Why does it occur?
- k. What is pneumonia?
- l. What are opportunistic infections?
- m. Name two organisms that cause UTI.
- n. Name the causative organisms of gonorrhoea and syphilis.
- o. Name the organism that produces hypozoites residing in liver.
- p. What is psoriasis?
- q. Name two drugs used in treatment of psychosis.
- r. What is dysmenorrhea?
- s. What is conjunctivitis?
- t. What are MDR bacteria?

SECTION-B

Q2. Attempt any ten questions.

10x3=30

- i. Describe the criteria used to include drugs in Essential Medicines List.
- ii. Describe the process for Evidence based medicine.
- iii. Describe pathogenesis and pharmacological management of COPD.
- iv. Enumerate the risk factors for non-insulin-dependent diabetes mellitus. How is it managed pharmacologically?
- v. Describe clinical manifestations and drug therapy of POCS.
- vi. Describe pathogenesis and pharmacological treatment of epilepsy.
- vii. Describe pharmacological management of peptic ulcer.
- viii. Write a note on hepatitis.
- ix. Describe causal prophylaxis and radical cure of malaria.
- x. What is anxiety? How can it be managed non-pharmacologically and pharmacologically?
- xi. What are the two types of glaucoma? Describe pharmacological management of both types of glaucoma.

SECTION-C

Q3. Attempt any six questions.

6x5=30

- a. What are standard treatment guidelines? Outline the steps used in their formulation.
- b. Describe classification of hypertension. Explain its pharmacological management.
- c. Describe pathogenesis and management of angina.
- d. Describe pathogenesis and management of asthma.
- e. Describe pathogenesis and clinical manifestations of Alzheimer's disease.
- f. Describe pathogenesis, clinical manifestations, and drug therapy of tuberculosis.
- g. Differentiate between etiopathogenesis of rheumatoid arthritis and osteoarthritis. Describe pharmacological management of both the diseases.

