

PHARMACOLOGY

PAPER – III

PHARM/D/16/34/III

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. a) Drugs used for treatment of tuberculosis associated with HIV infection. 5+5
b) Treatment of tubercular meningitis.
2. a) Enumerate the drugs used for treatment of malaria. 5+5
b) Advantages of artemisinin based combination therapy (ACT).
3. a) Third generation β -blockers. 5+5
b) Their role in therapy of cardiac disorders.
4. a) Enumerate atypical antipsychotics. 2+(3+3+2)
b) Advantages, uses and adverse effects of Olanzapine.
5. a) Enumerate anti-thyroid drugs. 4+6
b) Management of diabetic ketoacidosis.
6. Etiopathogenesis and management of 'On-Off' phenomenon due to Levodopa. 5+5
7. a) Classify drugs used for the treatment of ischemic heart disease (IHD). 4+(3+3)
b) Pharmacological basis and advantages of the use of enalapril in IHD.
8. a) Define co-analgesics and give suitable examples. (2+3)+5
b) WHO guidelines for the treatment of chronic pain.
9. Mechanism of action, therapeutic uses, adverse effects and precautions regarding the use of sodium valproate. 2+3+3+2
10. a) Parametric versus Non-Parametric tests. 5+5
b) Co-efficient of Variation.
