

# **2010 Scheme**

**Q.P. Code: 201001**

**Reg. No.: .....**

## **Second Professional MBBS Degree Supplementary Examinations March 2024 Pharmacology - Paper I**

**Time: 2 Hours**

**Max Marks: 40**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays:** **(2x6=12)**

1. Classify Antihypertensive drugs. Describe the mechanism of action, therapeutic uses and adverse effects of Amlodipine. **(3+3)**
2. A 22-year-old farmer was brought to the casualty with symptoms of nausea, vomiting, severe abdominal pain, lacrimation, salivation, blurring of vision, muscular twitches and weakness. He was suspected to have consumed Organophosphorous compound.
  - a) Outline the management of this poisoning
  - b) Discuss the mechanism of action and rationale for using the specific antidotes**(2+4)**

**Short Notes:** **(5x3=15)**

3. Name two Atypical antipsychotics. What are the advantages of Atypical antipsychotics over Typical antipsychotics
4. Sumatriptan
5. Sodium valproate
6. Heparin
7. Advantages and disadvantages of intravenous route of drug administration

**Write the Pharmacological basis for the use of:** **(3x1=3)**

8. Misoprostol in the treatment of Aspirin induced gastritis
9. Levodopa and Carbidopa in the treatment of Parkinsonism
10. Morphine in Acute myocardial infarction

**Write two uses and two adverse effects of the following drugs:** **(3x1=3)**

11. Propranolol
12. Furosemide
13. Diazepam

**Choose the appropriate drug and Justify:** **(2x1=2)**

14. Salbutamol / Sodium cromoglycate in the treatment of acute attack of Bronchial asthma
15. Phenobarbitone / Carbamazepine in treatment of Trigeminal neuralgia

**Name the following (Two examples for each):** **(5x1=5)**

16. Mucolytics
17. Non-Steroidal Anti Inflammatory Drugs (NSAIDs)
18. Pre anaesthetic medications
19. Anti anginal agents
20. Hypolipidaemic drugs

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