

2010 Scheme

Q.P. Code: 201001

Reg. No.:

Second Professional MBBS Degree Supplementary Examinations**August 2025****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 Beta blockers. Write the mechanism of action, therapeutic uses and contraindications of Propranolol. (3+3)
2. A drug addict is found in a state of stupor with flaccidity of muscles, shallow breathing, fall in BP and pinpoint pupils. A diagnosis of Morphine overdose is made.
 - a) How do you treat a case of Morphine poisoning
 - b) What are the contraindications of Morphine (3+3)

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

3. Low dose Aspirin.
4. Drug antagonism.
5. Furosemide.
6. Sodium nitroprusside.
7. Sertraline.

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

8. Atorvastatin in primary hyperlipidaemia.
9. Dantrolene in malignant hyperthermia.
10. Methotrexate in Rheumatoid arthritis.

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

11. Spironolactone
12. Enalapril.
13. Phenytoin sodium.

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

14. Prednisolone/Fluticasone in bronchial asthma.
15. Diazepam/ Phenobarbitone as Hypnotic.

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

16. Atypical antipsychotics.
17. Second generation antihistaminics.
18. COMT inhibitors.
19. Selective COX-2 inhibitors.
20. Fibrinolytic drugs.
