

2010 Scheme

Q.P. Code: 201001

Reg. No.:

Second Professional MBBS Degree Supplementary Examinations March 2026

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 antiepileptic drugs based on their mechanism of action. Mention the therapeutic uses and adverse effects of Sodium Valproate. Add a note on the management of Status Epilepticus. (2+2+2)
2. A 55-year-old man undergoing surgery was given succinylcholine for intubation soon after that he developed persistent apnoea. There is no previous history of neuromuscular disease.
 - a) What is the most probable cause for prolonged apnoea in this patient. Explain
 - b) How will you manage this complication
 - c) Name two centrally acting skeletal muscle relaxants. Mention two uses (3+2+1)

Short Notes:

(5x3=15)

3. Amlodipine
4. Bioavailability
5. Preanaesthetic medication
6. Prazosin
7. Drug antagonism

Write the Pharmacological basis for the use of:

(3x1=3)

8. Nitrates in angina
9. Furosemide in acute left ventricular failure
10. Ethanol in Methanol poisoning

Write two uses and two adverse effects of the following drugs:

(3x1=3)

11. Atropine
12. Diazepam
13. Heparin

Choose the appropriate drug and Justify:

(2x1=2)

14. Naloxone / Methadone in morphine addiction
15. Salbutamol / Salmeterol in acute exacerbation of bronchial asthma

Name the following (Two examples for each):

(5x1=5)

16. Non-Steroidal Anti-Inflammatory Drugs (NSAIDs)
17. Angiotensin receptor blockers
18. Triptans
19. Fibrinolytics
20. HMG CoA reductase inhibitors
