

2010 Scheme

Q.P. Code: 201001

Reg. No.:

Second Professional MBBS Degree Supplementary Examinations August 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. Explain the factors modifying drug action. Briefly describe newer drug delivery systems (3+3)
2. A 30-year-old male was brought to the emergency department reporting a sudden onset of generalised tonic clonic convulsions and fall, in the nearby supermarket. His blood pressure and electrolytes were found to be normal. A diagnosis of generalised tonic clonic seizure was made.
 - a) Classify the drugs used in treatment of epilepsy
 - b) Describe the mechanism of action and adverse effects of phenytoin (3+3)

Short Notes: (5x3=15)

3. Enalapril
4. Morphine – therapeutic uses and adverse effects
5. Furosemide
6. Atorvastatin
7. Define half life of a drug and give its clinical significance

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

8. Trihexyphenidyl in the treatment of Drug induced parkinsonism
9. Sodium nitrite in the treatment of Cyanide poisoning
10. Aspirin in the secondary prevention of Ischaemic heart disease

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

11. Warfarin
12. Fluoxetine
13. Prazosin

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

14. Labetalol/Losartan in Pregnancy induced hypertension
15. Glycopyrrolate/Atropine as a Pre anaesthetic medication

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

16. Bronchodilator
17. Plasma expanders
18. Fibrinolytics
19. Triptans
20. Anticholinesterases
