

2010 Scheme

Q.P. Code: 201001

Reg. No.:

Second Professional MBBS Degree Supplementary Examinations May 2022 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 atropine substitutes, explain their uses and adverse effects (3+2+1)
2. A 60-year-old man gives history of chest pain, sweating and breathlessness on brisk walking, which is relieved on taking rest.
 - Classify drugs that are useful in this condition.
 - Explain the mechanism and pharmacological actions, uses and adverse effects of nitrates (2+4)

Short Notes: (5x3=15)

3. Second generation H1 antihistaminic drugs
4. Sodium valproate
5. Therapeutic uses and adverse effects of morphine and its congeners
6. Halothane
7. Propranolol

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

8. Adrenaline in anaphylactic shock
9. Sublingual administration of drugs
10. Vitamin K in warfarin toxicity

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

11. Verapamil
12. Salbutamol
13. Dextran

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

14. Physostigmine/Neostigmine in atropine poisoning
15. Spironolactone/ Amiloride in lithium induced nephrogenic diabetes insipidus

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

16. Peripheral decarboxylase inhibitor
17. Fibrates
18. Atypical anti psychotics
19. Centrally acting skeletal muscle relaxants
20. Mucolytics
