

## 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

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