

**Q.P. Code: 201001**

**Reg. No.: .....**

**Second Professional MBBS Degree Regular/Supplementary  
Examinations February 2020  
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. Enumerate the newer drugs used in the treatment of epilepsy. Write the mechanism of action of any two agents. Discuss the line of management of Status Epilepticus. (2+2+2)
2. A middle aged man posted for Appendisectomy was given an injection by the ward nurse before being shifted to the operation theatre. Patient developed dryness of mouth, difficulty in swallowing and severe thirst.
  - What is the drug that was injected
  - Why the drug was given pre-operatively
  - What are the other drugs which are given pre-operatively (1+2+3)

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

3. G-protein coupled receptors
4. Treatment of Status Asthmaticus
5. Drug therapy of migraine prophylaxis
6. Atracurium
7. Levodopa

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

8. Modafinil in night shift workers
9. Spironolactone in cirrhosis of liver.
10. Beta blockers in angina

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

11. Human erythropoietin (Epoetin)
12. Prazosin
13. Amitriptyline

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

14. Disulfiram / Fomepizole in methyl alcohol poisoning
15. Physostigmine / Neostigmine in glaucoma management

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

16. Low molecular weight heparin
17. Mucolytics
18. Vesico-selective anticholinergics
19. Orphan drugs
20. Drugs used for PSVT

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