

Q.P. Code: 201001

Reg. No.:

**Second Professional MBBS Degree Regular/Supplementary
Examinations May 2021
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. Name two selective and two nonselective cyclooxygenase 2 (COX-2) inhibitors. Enumerate four uses of aspirin along with the dose required. Describe the adverse effects and drug interactions of aspirin. (2+2+2)
2. Read the clinical problem and answer the following questions: A 50 years old man was administered succinylcholine for endotracheal intubation. The patient developed prolonged muscle paralysis and apnea. (2+2+2)
 - What could be the cause of apnea in this patient
 - How will you treat the apnea
 - Name two muscle relaxants that you can use in this patient in future

Short Notes: (5x3=15)

3. Selective serotonin reuptake inhibitors
4. Drug antagonism
5. Telmisartan
6. Low molecular weight heparins
7. Second generation antihistaminic agents

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

8. Beta blockers in angina
9. Trihexyphenidyl in drug induced extrapyramidal syndrome
10. Furosemide in acute pulmonary edema

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

11. d-Tubocurarine
12. Morphine
13. Acetazolamide

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

14. Nifedipine / Verapamil in hypertension
15. Salbutamol / Salmeterol in acute attack of bronchial asthma

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

16. Antiplatelet drugs
17. Mucolytic agents
18. Drugs for absence seizures
19. Drugs for Paroxysmal Supra Ventricular Tachycardia (PSVT)
20. Potassium channel openers
