

QP CODE: 204326

Reg. No:

Second Year Pharm D Degree Supplementary Examinations May 2022

Pharmacology - I

Time: 3 Hours

Total Marks: 70

- *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

(3x10=30)

1. Enumerate the routes of administration of drugs with one example each. Explain the advantages and disadvantages of any two routes of administration
2. Describe the cholinergic transmission and drugs affecting it. Add a note on the sites of release of Ach in ANS
3. With a neat diagram, explain the physiology of cardiac action potential of the Purkinje fibres. Point out how different antiarrhythmic drugs could affect these

Short notes

(8x5=40)

4. Classify hypolipidaemic drugs with examples. Describe the mechanism of action of any one class.
5. Describe the pharmacology of GABA-A receptor and drug affecting it
6. Discuss the mechanism of action of local anaesthetics
7. Describe the mechanism of action of anticholinesterases. Enumerate their therapeutic uses.
8. Explain the mechanisms of any two classes of drugs for bronchial asthma.
9. Explain the mechanism of Sitagliptin
10. Explain any one therapeutically useful pharmacological action of a steroidal drug
11. Classify antihistaminics and mention its uses.
