

QP Code: 424006

Reg. No.....

**Fourth Semester B.Pharm Degree Regular/Supplementary
Examinations December 2024
Pharmacology I
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *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 diagrams wherever necessary*

Essays

(2x10=20)

1. Describe the mechanism of transport of drugs across cell membrane with examples. Explain Enzyme induction with examples.
2. Classify parasympathomimetics with examples. Describe the pharmacological actions, adverse effects and therapeutic uses of acetyl choline.

Short Notes

(7x5=35)

3. Describe briefly adverse drug reactions.
4. Write about carcinogenicity and mutagenicity.
5. Explain drug interaction.
6. Describe the synergism and antagonism with examples.
7. Write the mechanism of action and adverse effects of benzodiazepines.
8. Describe briefly the management of barbiturate poisoning.
9. Classify anti-psychotics along with their therapeutic uses.

Answer Briefly

(10x2=20)

10. Define drug addiction and drug tolerance.
11. Classify sympatholytics.
12. Write about centrally acting muscle relaxants.
13. Write about hallucinogens.
14. Classify neurotransmitters.
15. What is drug abuse. Write any four examples of abused drugs.
16. Define cross-tolerance and tachyphylaxis.
17. List any four examples of anticholinesterases.
18. How ethyl alcohol is effective in treating methanol poisoning.
19. Classify antidepressant drugs.
