

Write the roll number at the top immediately on receipt of this question paper. Attempt ALL questions. All parts of a question must be attempted in continuation. Start answering each question on a new page

SECTION – A

All Questions are Compulsory: (10x2=20 Marks)

1. Define negative antagonist with examples.
2. How many receptors does GABA has?
3. Classify Beta agonist agents.
4. Write down the synthesis, storage and release of acetylcholine with diagram.
5. What is atropine poisoning and its treatment?
6. Which is the fastest acting anesthetic drug?
7. Name various neurotransmitters of CNS.
8. Differentiate between streptokinase and alteplase.
9. Write down the classification of local anaesthetics.
10. Write names of two enzyme inducers and enzyme inhibitors.

SECTION-B

All Questions are Compulsory: (4 X 5 =20 Marks)

1. a. Write down in detail about the neurohumoral transmission in ANS. OR
b. Discuss the structure of GABA receptor ion channel complex along with suitable targets of drugs.
2. a. Explain the etiology of glaucoma and its treatment. OR
b. Write down the pharmacology of anticholinergic drugs.
3. a. Write down the symptoms of depression. Explain the pharmacotherapy of depression. OR
b. Classify sedative and hypnotics. Explain usage barbiturates.
4. a. Write a note on diuretics. OR
b. Explain congestive heart failure and its pharmacotherapy.

SECTION-C

All Questions are Compulsory: (2 x 10 =20)

1. a. Classify antiepileptic drugs. Write in brief about pharmacology of phenytoin and sodium valproate. OR
b. Explain the pharmacology of Morphine. Write a note on the morphine poisoning.
2. Write down the classification of antihypertensive drugs. Explain the pharmacology of calcium channel blockers. OR
Discuss the synthesis of cholesterol. Write a note on hypolipidemics.