

18/11/11

(2 Hours)

[Total Marks : 40

- N.B. :** (1) Question No. 1 is **compulsory**.
(2) Attempt any **three** questions from the remaining **four** questions.
(3) **All** questions carry **equal** marks.

1. Answer in short (Any **five**) :—

- (a) Explain the mechanism of action of Phenytoin.
- (b) Explain the effect of morphine on :—
 - (i) Respiration
 - (ii) G. I. T.
- (c) Describe various types of epileptic seizures.
- (d) Enlist therapeutic applications of antihistaminics.
- (e) Give the mechanism of action and therapeutic application of 'Risperidone'.
- (f) Discuss the symptoms and treatment of methanol poisoning.

2. Describe the symptoms of Parkinson's disease. Classify antiparkinsonian drugs. Discuss the role of MAO and COMT inhibitors in treatment of Parkinson's disease.

3. Explain the Pathophysiology of bronchial asthma. Give an account of different classes of drugs used in bronchial asthma.

4. Classify antidepressants. Compare the pharmacology and adverse effects of selective serotonin reuptake inhibitors and tricyclic antidepressants.

5. Write short notes on any **two** of the following :—

- (a) Amphetamine
 - (b) Ultra Short Acting Barbiturates
 - (c) Cytokines.
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