

18/11/10

(2 Hours)

- 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) Classify CNS stimulants
 - (b) Explain the mechanism of action of diphenylhydantoin
 - (c) Enumerate the therapeutic uses of Aspirin with relevant doses
 - (d) Explain the role of anticholinergics in the treatment of Parkinson's disease
 - (e) Describe the triple response of histamine
 - (f) Discuss the toxicity of NSAIDs.
 2. Discuss the pathophysiology and various stages of Alzheimer's disease (AD). Give an an account of drugs used in AD.
 3. Discuss the signs and symptoms of Schizophrenia. Classify neuroleptics. Explain the mechanism of action, pharmacological actions and adverse effects of Chlorpromazine.
 4. Mention the theories of Anaesthesia. Explain the various stages of general anaesthesia. Write a short note on Ultrashort acting barbiturates.
 5. Write short notes on any **two** of the following :—
 - (a) Cytokines
 - (b) Immunostimulants
 - (c) Opium alkaloid poisoning and its treatment.
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