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Total No. of Questions : 8] *[Total No. of Printed Pages : 2*

Roll No .....

PY-404-CBCS

B.Pharmacy, IV Semester (Non-PCI Scheme)

Examination, June 2020

Choice Based Credit System (CBCS)

Pharmacology - I

Time : Three Hours

Maximum Marks : 75

Note: i) Attempt any five questions.
ii) All questions carry equal marks.

1. Comment on the various mechanisms of drug action. Write in brief about drug tolerance, dependence, tachyphylaxis and Idiosyncrasy.

2. What are parasympathomimetics. Discuss in detail the mechanism of action, pharmacological effects and therapeutic uses of parasympathomimetic drugs.

3. Define sedative and hypnotic with examples. Write on the pharmacological actions and uses of barbiturates.

4. Discuss the mechanism of neuromuscular transmission. Classify local anaesthetic and explain their mechanism of action and therapeutic uses.

5. Classify antiepileptic agents giving examples. Discuss the mechanism of action, toxicity and uses of phenytoin sodium.

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6. Explain pathophysiology of myasthenia gravis comment on the treatment of organophosphate poisoning.

7. What is schizophrenia? Comment on the important pharmacological actions and adverse effects of any one of antipsychotic drugs.

8. Write notes on any three:
   a) Adverse Drug reaction
   b) Drug addiction
   c) Alcohols and Disulfiram
   d) Clinical trials

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