

Roll No

BP-404 T (CBGS)**B.Pharm., IV Semester (PCI Scheme)**

Examination, May 2018

Choice Based Grading System (CBGS)**Pharmacology - I***Time : Three Hours**Maximum Marks : 75***Note:** i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) What are opioid analgesics? Give pharmacological classification of opioid analgesic with example.
- b) Describe in details the mechanism of action of disulfiram. Give classification of antiepileptic drug in detail with examples.
2. a) Describe neurological episodes in Alzheimers disease in detail with well labeled diagram. Give mechanism of action of nootropics.
- b) Write short notes on CNS stimulant with examples of drugs used as CNS stimulant.
3. a) Differentiate between Local anesthetics and general anesthetics with example.
- b) Describe in detail the mechanism of action of local anesthetics with classification.

4. a) Describe in detail the neurohumoral transportation mechanism of GABA neurotransmitter.
- b) Differentiate between sedative and hypnotics with one example from each.
5. a) Describe in detail the ANS with well labeled diagram and functions. rgpvonline.com
- b) Describe in detail the classification of neuromuscular blocking agent with examples.
6. a) Describe in details the usability and scope of pharmacology with special emphasis on present day medicinal management and treatment.
- b) What are agonist and antagonist? Describe in detail with example.
7. a) What are adverse drug reactions? Describe G-Protein coupled receptor.
- b) What are Clinical trials? Describe the different phases of clinical trial in detail.
8. Describe the following: (any two)
 - a) Drug addiction
 - b) JAK-STAT binding receptor
 - c) Drugs used in myasthenia gravis
