

Code: 9R01505

R09

B.Pharm III Year I Semester (R09) Supplementary Examinations June 2017

PHARMACOLOGY - I

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Classify skeletal muscle relaxants and explain the mechanism of action of each class.
(b) Classify local anesthetics. Explain briefly about spinal anesthesia.
- 2 (a) Describe various psychological disorders and explain in detail about the pharmacology of antidepressant drugs.
(b) Write short notes on antimanic drugs.
- 3 (a) Explain in detail about absorption of drugs across biological membrane.
(b) Write about factors modifying drug action.
- 4 (a) Classify general anesthetics. Write in detail about the pharmacology of ether.
(b) Write about methanol poisoning and its treatment.
- 5 (a) Write in detail about neurohumoral transmission of autonomic nervous system.
(b) Classify parasympathomimetic drugs and explain the pharmacological action of acetylcholine.
- 6 Write in detail about different stages of sleep and explain the pharmacology of sedatives and hypnotics.
- 7 Classify non steroidal anti-inflammatory drugs and explain the pharmacology of aspirin.
- 8 Classify antiepileptic drugs and write in detail about the mechanism of action of each class.
