

Code: 9R01505

R09

B.Pharm III Year I Semester (R09) Supplementary Examinations November/December 2016

PHARMACOLOGY – I

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What are the main principles that are to be followed while discovering a new drug molecule?
(b) What are the various factors which modify drug action?
- 2 Diagrammatically represent and explain different steps involved in excitatory and inhibitory neuro humoral transmission and co-transmission.
- 3 (a) How different organs respond to the effect of Ganglionic blockade?
(b) Classify Ganglionic blocking agents and Ganglionic stimulants.
- 4 (a) Write about minimum alveolar concentration, second gas effect and diffusion hypoxia.
(b) Write about Preanaesthetic medication.
- 5 (a) Write the classification and pharmacological actions of Anti-Anxiety drugs.
(b) Write the pharmacological actions of Barbiturates.
- 6 (a) Write the adverse effects of neuroleptics.
(b) Write the pharmacological actions of tricyclic antidepressants.
- 7 (a) Write the types of epilepsy and write the classification of antiepileptic drugs.
(b) Write the adverse effects and interactions of Levodopa.
- 8 (a) Write the pharmacological actions of Aspirin.
(b) Write a brief description about Psychostimulants.
