

Code: 9R01505

R09

B.Pharm III Year I Semester (R09) Supplementary Examinations June 2018

PHARMACOLOGY - I

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Describe the structure and transduction mechanism of G-protein receptors.
(b) Explain the effect of tolerance and dependence on drug action.
- 2 Classify parasympathomimetics. Explain MOA, adverse effects and uses of acetyl cholinesterase inhibitors.
- 3 Explain the pharmacology of
 - (a) D-tubocurarine.
 - (b) Lidocaine.
- 4 Write short notes on:
 - (a) Pre anesthetic medication.
 - (b) GABAergic neurotransmission.
- 5 (a) Classify anti anxiety drugs.
(b) Explain pharmacology of one class of anxiolytics.
- 6 (a) Define and classify anti psychotics.
(b) Explain MOA, adverse effects and drug interaction of SSRI's.
- 7 Write short notes on:
 - (a) Phenytoin.
 - (b) COMT-inhibitors.
- 8 (a) Explain mechanisms of drug addiction.
(b) Write about MoA & adverse effects of opioid analgesics.
