

Code: 9R01603

R09

B.Pharm III Year II Semester (R09) Supplementary Examinations May/June 2018

**PHARMACOLOGY – II**

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

\*\*\*\*\*

- 1 (a) Define hypertension. Explain about its regulation. Write the M.A.O of calcium channel blockers.  
(b) Define cardiac glycosides. Explain the M.O.A of its & add a note on digitalization.
- 2 Explain about atherosclerosis and classify the drugs. Write the M.O.A of statin drugs.
- 3 Define cardiac arrhythmias. Classify the drugs & write the M.O.A of amiodarone.
- 4 (a) Explain in detail about Haematinics. Explain about vitamin-K.  
(b) Add notes on anti-coagulant & explain about oral anti-coagulant with example.
- 5 (a) Define diuretics. Classify the drugs with example. Explain the M.O.A of loop diuretics & its uses.  
(b) Explain about carbonic anhydrase inhibitors and potassium spacing diuretics.
- 6 (a) Define autacoids. Explain in detail about first and second generation of histamines.  
(b) Explain in detail about prostaglandin including its pharmacological action & uses.
- 7 (a) Define OHA agents. Classify the drugs with examples. Write the M.O.A of sulfonamide derivatives.  
(b) Classify the anti-thyroid drugs with examples. Explain about goitrogenic agents.
- 8 (a) Define bronchial asthma. Classify the drugs with examples. Explain about  $\beta$  – adrenergic drugs.  
(b) Classify bronchodilator drugs with example; write the M.O.A of  $\beta$  – adrenergic drugs & Mast cell stabilizers.

\*\*\*\*\*