

Code No: B4202

**R10****SET - 1****IV B. Pharmacy II Semester Supplementary Examinations, April - 2019****PHARMACOLOGY – II**

Time: 3 hours

Max. Marks: 75

Answer any **FIVE** Questions  
All Questions carry **Equal** Marks  
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1. a) What is hypertension? Write a note on pharmacology of anti-hypertensive agents. (8M)  
b) Explain the mechanism involved in Arrhythmias. Add a note on the role of Beta-antagonists in Arrhythmias. (7M)
2. a) Discuss the pharmacology of Thiazide and Potassium sparing diuretics. (8M)  
b) Explain the MOA, clinical uses and adverse effects of Aspirin, Dipyridamole's and Clopidogrel. (7M)
3. a) What is Diabetes? Describe the pharmacology of oral anti-diabetic agents. (8M)  
b) Explain the MOA, Clinical uses and adverse effects of Mineralocorticoids. (7M)
4. a) Write the synthesis, storage and release of Histamine. Explain the actions of Histamine. (8M)  
b) Write about the actions of Prostaglandins and their role in inflammation. (7M)
5. a) Describe the pharmacology of bronchodilators and anti-inflammatory agents used in Asthma. (8M)  
b) Explain the pharmacology of respiratory stimulants. (7M)
6. a) Explain the bioassay of posterior pituitary. (8M)  
b) Explain the MOA, clinical uses and adverse effects of Beta-lactam antibiotics. (7M)
7. a) Explain the pharmacology of Penicillin's. (8M)  
b) Explain the pharmacology of drugs used STD's. (7M)
8. a) Explain the MOA, clinical uses and adverse effects of first line anti-tubercular agents. (8M)  
b) Explain the MOA, clinical uses and adverse effects of Anti-Cancer drugs. (7M)