

Code No. 6122

**FACULTY OF PHARMACY****Pharm D (6 – YDC) II – Year (Main) Examination, August 2016****Subject: Pharmacology – I****Time: 3 Hrs****Max.Marks: 70****Note: Answer all questions from Part – A. Answer any Five questions from Part – B.****PART – A (10x2 = 20 Marks)**

- 1 Write abt the Dale's vasomotor response of adrenaline.
- 2 Write the treatment for glaucoma.
- 3 Write the pathophysiological role of histamine.
- 4 Classify beta blockers with examples.
- 5 Write the adverse reactions of insulin.
- 6 Write the mechanism of action of metformin.
- 7 Explain cholinergic receptors in detail.
- 8 Write the actions of estrogens and progestins.
- 9 What is hydantoin syndrome?
- 10 Write the pharmacology of salbutamol.

**PART – B (5x10 = 50 Marks)**

- 11 Classify adrenergic drugs with examples. Write the pharmacology of isoprenaline. 10
- 12 a) Explain biotransformation reactions in detail. 5  
b) How do you prolong a drug action? 5
- 13 a) Write the treatment for bronchial asthma. 7  
b) Write a note on nasal decongestants. 3
- 14 a) Write the pharmacology of serotonin. 7  
b) Write the treatment for migraine. 3
- 15 a) Classify anti-anginal drugs with examples. 3  
b) Write the pharmacology of quinidine. 7
- 16 a) Classify sedatives and hypnotics with examples. Write their mechanism of action in detail. 6  
b) Write the pharmacology of morphine. 4
- 17 a) What are anti-histamines? Classify with examples. 5  
b) Write the pharmacology of diuretics. 5
- 18 a) Write the actions of insulin. 3  
b) Explain the synthesis and regulation of thyroid hormones. 7

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