

DEPARTMENT OF PHARMACOLOGY

Max Marks: 35

Allowed: 50 mins

(Drugs Acting on Sympathetic System, Anti Asthmatic Drugs)

- ✓ Enumerate adrenoceptors with their location. 4
- ✓ How does Epinephrine differ from Norepinephrine in terms of: 4
- ✓ Receptor Selectivity    ✓ Cardiovascular actions 4
- Q2. ✓ Give clinical indications of sympathomimetics. 4
- ✓ Classify adrenergic antagonists on the basis of receptor selectivity.
- Q3. What is the rationale for the use of following drugs: 6
- i. Prazosin in Benign prostatic hyperplasia
  - ii. Timolol in Glaucoma
  - iii. Dopamine in Hypovolemic shock
- ✓ Enumerate clinical uses of Propranolol. 3
- ✓ What is Epinephrine Reversal Phenomenon. 2
- ✓ Why  $\beta$  blockers are contraindicated in patients of Insulin Dependent Diabetes Mellitus. 1
- Q5. ✓ Classify Bronchodilators. 3
- ✓ Give Mechanism of action and adverse effects of Theophylline. 2+2

Marked correct