

Sub. Code : 4065

SECOND M.B.B.S. DEGREE EXAMINATION.

(Non-Semester)

(Revised Regulations)

Paper V — PHARMACOLOGY — I

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes	Theory : 80 marks
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M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay: (2 × 15 = 30)

- (1) (a) Classify adrenergic drugs.
 - (b) Discuss in detail the mechanism of action and cardiovascular actions of adrenaline.
 - (c) What are the side effects of adrenaline?
 - (d) What are the therapeutic uses of adrenaline?
- (4 + 7 + 2 + 2)

- (2) (a) Classify anti hypertensive drugs.
(b) Discuss the mechanism of action and cardio-vascular actions of Enalapril.

(c) What are the uses of calcium channel blockers?

(d) How do you treat hypertensive emergencies? (2 + 7 + 2 + 4)

II. Write briefly on : (10 × 5 = 50)

- (a) Plasma half life and its significance
- (b) Selective serotonin re uptake inhibitors
- (c) Zileuton
- (d) Low molecular weight heparins
- (e) Treatment of status asthmaticus
- (f) Therapeutic uses and side effects of Atropine
- (g) Role of organic nitrates in myocardial infarction
- (h) Pre anesthetic medication
- (i) Non sedative anti histamines
- (j) Lovastatin.