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Sub. Code: 4021

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

(Common to all Regulations)

## Part I

## Paper I — PHARMACOLOGY

Time : Three hours

Maximum: 100 marks

Theory : Two hours and

Theory: 80 marks

forty minutes

M.C.Q.: Twenty minutes

M.C.Q.: 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

## I. Write Essay :

 $(2 \times 15 = 30)$ 

- (1) Classify antipsychotic drugs. Discuss the mechanism, pharmacological actions, preparations with doses, adverse effects, therapeutic uses and interactions with other drugs of chlorpromazine. (15)
- (2) Classify antiviral drugs. Discuss the mechanism, pharmacological actions, adverse effects and therapeutic uses of drugs mainly used in AIDS. (15)

II. Write briefly on :

 $(10 \times 5 = 50)$ 

(a) Ketanserin

- (b) Human insulins
- (c) Nifedipine
- (d) Ciprofloxacin
- (e) L-Dopa + Carbodopa combination Explain the rationale.
- (f) Advantages of A.C.E. inhibitors as antihypertensives
  - (g) Mifepristone
  - (h) Pentazocine
  - (i) Pentoxiphylline
  - (j) Management of methanol poisoning.

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