

[KD 519]

Sub. Code : 4021

SECTION B — (35 marks)

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

(Common to all Regulations)

**Part I**

**Paper I — PHARMACOLOGY**

Time : Three hours                      Maximum : 100 marks  
Two and a half hours                  Sec. A & Sec. B : 70 marks  
for Sec. A & Sec. B                      Section C : 30 marks

Separate answer books must be used  
for Sections A and B.

Section C must be answered separately on the answer  
sheet provided as per the instructions on the first page.

Answer ALL questions.

**SECTION A — (35 marks)**

1. Classify antiepileptic drugs. Discuss the mechanism, pharmacological actions, adverse effects, therapeutic uses of phenytoin sodium. (15)
2. Write briefly on : (4 × 5 = 20)
  - (a) Carboplatin
  - (b) Ivermectin
  - (c) Griseofulvin
  - (d) Domperidone.

3. Enumerate the various routes of administrations. Discuss briefly about each route with suitable examples. Mention the main advantages and disadvantages of each route. (15)

4. Write briefly on : (4 × 5 = 20)
  - (a) Allopurinol
  - (b) Oral contraceptives
  - (c) Pharmacogenetics
  - (d) Drug induced diseases.