

[KB 521]

Sub. Code : 4023

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

Part I

(Common to All Regulations)

Paper III — MICROBIOLOGY — I

Time : Three hours Maximum : 100 marks

Two and a half hours Sec. A & Sec. B : 70 marks

for Sec. A and Sec. B Section C : 30 marks

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

Section C must be answered separately on the answer sheet provided.

Answer ALL the questions.

Draw diagrams wherever necessary.

SECTION A — (35 marks)

1. Define and classify Immunoglobulins.

Describe the structure and functions of Immunoglobulin 'G'. (15)

2. Write notes on : (4 × 5 = 20)

- (a) 'L' forms of bacteria
- (b) Plasmids
- (c) Immuno fluorescent test
- (d) Autoclave.

SECTION B — (35 marks)

3. Classify cistodes. Describe the life cycle pathogenesis and laboratory diagnosis of Echinococcus granulosus. (15)

4. Write notes on : (4 × 5 = 20)

- (a) Trichinella Spiralis
- (b) Life cycle of entamoeba histolytica
- (c) Exo-Erythrocytic cycle
- (d) Cryptosporidium Parvum