

[KG 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 & Sec. B. Section C : 30 marks

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

Answer ALL the questions.

Draw diagrams wherever necessary.

SECTION A — (35 marks)

1. Describe the anatomy of Bacterial cell. Add a note on the physical requirements for the growth of the bacteria. (15)

2. Write short notes on : (4 × 5 = 20)

(a) Plasmodium falciparum.

(b) Cysticercosis.

(c) Carriers.

(d) Application of ELISA TEST.

SECTION B — (35 marks)

3. Enumerate the methods of sterilisation. Describe moist-heat-methods. Add a note of testing of Disinfectants. (15)

4. Write short notes on : (4 × 5 = 20)

(a) Trichomonas vaginalis.

(b) Enriched media.

(c) Cyclops.

(d) Complement Fixation Test.