

[KD 523]

Sub. Code : 4025

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

(Common to all Regulations)

Part II

Paper II — MICROBIOLOGY — II

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
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 Streptococci and write briefly about the pathogenesis and laboratory diagnosis of beta hemolytic streptococci. (15)
2. Write short notes on : (4 × 5 = 20)
 - (a) X and V factors
 - (b) Scrub typhus
 - (c) Eltor Vibrio
 - (d) Dermatophytes.

SECTION B — (35 marks)

3. Classify herpes viruses. Describe the pathogenesis and laboratory diagnosis of varicella-zoster virus. (15)
4. Write short notes on : (4 × 5 = 20)
 - (a) Inclusion bodies
 - (b) Rabies vaccines
 - (c) Antigenic shift and antigenic drift
 - (d) Congenital viral infections.