

[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.