

[SG 523]

Sub. Code : 4025

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

**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.

Answer ALL the questions.

Draw diagrams wherever necessary.

**SECTION A — (35 marks)**

1. Define Zoonosis. Enumerate Zoonotic diseases caused by Bacteria. Describe Morphology, Pathogenesis, Laboratory diagnosis and control of Leptospirosis in man. (15)
2. Write short notes on : (4 × 5 = 20)
  - (a) Laboratory diagnosis of gonorrhoea
  - (b) Bacteroides
  - (c) 'Vi' antigen
  - (d) A typical Mycobacteria.

**SECTION B — (35 marks)**

3. Enumerate viruses affecting central nervous system. Describe morphology, pathogenesis, laboratory diagnosis and prevention of Rabies. (15)
4. Write short notes on : (4 × 5 = 20)
  - (a) Dengue fever
  - (b) Latent viral infections
  - (c) Laboratory diagnosis of fungus infections
  - (d) Corn meal agar.