

MP 525]

Sub. Code : 4025

SECOND M.B.B.S. DEGREE EXAMINATION

Part II

(New Regulations)

Paper II - MICROBIOLOGY - II

Time : Three hours

Maximum : 100 marks

Two and a half hours
for Section A and B

Section A and B : 70 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. Classify Streptococci. Write briefly on the etiology, pathogenesis and laboratory diagnosis of rheumatic heart disease. (15)

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

- (a) Sporotrichosis
- (b) Clostridium difficile
- (c) Standard tests for syphilis
- (d) Weill-Felix test

SECTION B - (35 marks)

3. List the Hepatitis viruses. Briefly describe the morphology, pathogenesis and complications of Hepatitis B virus. What is the diagnosis for this disease? (15)

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

- (a) Viral gastroenteritis
- (b) Laboratory diagnosis of cryptococcal meningitis
- (c) Chlamydiae
- (d) Prevention of nosocomial infections