

April-1996

AK 516]

www.FirstRanker.com

Sub-Code-FRANKER.com

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

Part I

(New Regulations)

**Paper III - MICROBIOLOGY - I**

(General Microbiology, Immunology and parasitology)

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 - (2 x 15 = 30)**

1. Enumerate the various growth requirements of bacteria. Describe their gaseous requirements.
2. Describe the life cycle of plasmodium falciparum. Indicate the morphological differences between the different plasmodia that infest human RBC.

**SECTION B - (8 x 5 = 40)**

3. Write short notes on:

- (a) Tyndalisation
- (b) Transmissible drug resistance
- (c) Bacterial spore
- (d) Selective media
- (e) Microfilaria
- (f) Applications of ELISA test
- (g) Sporocidal chemicals
- (h) T-Cell subsets