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

Part I

**Paper III - MICROBIOLOGY - I**

(General Microbiology, Immunology and parasitology)

Time : Three hours

Maximum : 90 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 needed for  
answers in Sections A and B

**SECTION A - (2 x 15 = 30)**

1. Describe the structure of a bacterial cell.

2. Classify Autoimmune diseases. Describe the mechanism of Autoimmunity  
with suitable examples.

**SECTION B - (6 x 5 = 30)**

3. Write short notes on any SIX of the following:

- (a) Tyndalisation
- (b) Transport media
- (c) Plasmids
- (d) B-lymphocyte
- (e) Passive agglutination
- (f) Thread worm
- (g) Free living amoebae
- (h) Black water fever