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SECOND M.B.B.S. DEGREE EXAMINATION

Common to all Regulations

Part I

Paper III - MICROBIOLOGY - I

Time : Three hours — Maximum : 100 marks

Two and a half hours for Section A and B — Section A and B : 70 marks; 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 the questions

SECTION A

1. Enumerate the Antigen, Antibody reactions. Describe detail the precipitation reactions. (15)

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

   (a) Bacterial growth

   (b) Methods of transmission of genetic material

   (c) Bacterial filters

   (d) Interleukins

SECTION B

3. Describe the methods used in identification of bacteria. (15)

4. Write briefly on: (4 x 5 = 20)

   (a) Plasmids

   (b) Spore bearing bacteria

   (c) Hydatid cyst

   (d) Erythrocytic stage of plasmodium vivax

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