

April-2000

[KB 540]

Sub. Code : 4061

SECTION B

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

(Non-Semester)

(Revised Regulations)

Paper I — GENERAL MICROBIOLOGY,  
IMMUNOLOGY, SYSTEMIC MICROBIOLOGY

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

Section C must be answered separately on the answer  
sheet provided.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

SECTION A

1. Define Hypersensitivity? Classify hypersensitivity reactions. Write in detail Type - I reactions. (15)
2. Write short notes on : (4 × 5 = 20)
  - (a) Monoclonal antibodies
  - (b) Precipitation in Gel
  - (c) Bacterial Spore
  - (d) Dry heat sterilisation.

3. What are the different bacterial Zoonotic diseases? Write in detail Pathogenicity, Laboratory diagnosis and Prophylaxis of brucellosis. (15)

4. Write short notes on : (4 × 5 = 20)
- (a) Immunoprophylaxis in Diphtheria
  - (b) Gas gangrene
  - (c) Gardnerella Vaginalis
  - (d) V.D.R.L. Test.