

[KL 521]

Sub. Code : 4023

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

(Common to all Regulations)

Part I

Paper III — MICROBIOLOGY — I

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
 forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

(1) Define and classify immunity. Discuss in detail the mechanism of innate immunity.

(2) Classify nematodes. Describe the life cycle, pathogenicity and laboratory diagnosis of filariasis.

II. Write short notes on : (10 × 5 = 50)

(a) Bacterial growth curve.

(b) Autoclave.

(c) Selective media.

(d) Anaerobic culture methods.

(e) Conjugation.

(f) Immunoglobulin-A.

(g) Coomb's test.

(h) Schwartzman Reaction.

(i) Laboratory diagnosis of malaria.

(j) Lerva migrans.