

FEBRUARY 2008

[KS 540]

Sub. Code : 4061

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

Revised (Non-Semester) Regulations

Paper I — GENERAL MICROBIOLOGY,
IMMUNOLOGY AND SYSTEMATIC BACTERIOLOGY

Q.P. Code: 524061

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay:

1. Define and classify hypersensitivity. Describe
Type I hypersensitivity reaction. (15)

2. Classify vibrios. Describe the pathogenesis and
laboratory diagnosis of cholera. Add a note on
prophylaxis. (15)

II. Write short notes on:

(10 × 5 = 50)

- (a) Bacterial spore.
- (b) Sterilisation by radiation.
- (c) Bacterial conjugation.
- (d) Laboratory diagnosis of Leptospirosis.
- (e) Monoclonal antibodies.
- (f) Antibiotic sensitivity test.
- (g) Bacterial growth curve.
- (h) Hot air oven.
- (i) Helicobacter pylori.
- (j) Immunofluorescence.