

APRIL 2004

[KK 231]

Sub. Code : 2976

SECTION B — (10 × 5 = 50 marks)

M.Sc. (Non-Clinical) DEGREE EXAMINATION.

3. Write short notes on the following :

Final

Branch V — Microbiology

**Paper I — GENERAL BACTERIOLOGY AND
IMMUNOLOGY**

Time : Three hours Maximum : 100 marks

**Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes**

Sec. C : Twenty minutes Sec. C : 20 marks

Answer Sec. A and Sec. B in the SAME Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

- 1. Classify culture media. Describe anaerobic culture methods. (15)**
- 2. List the Antigen–Antibody reactions. Write in detail on precipitation reactions. (15)**

- (a) Negative staining**
- (b) Hot Air Oven**
- (c) Fimbriate**
- (d) Bacterial Growth Curve**
- (e) Oxidase Reaction**
- (f) Immunoglobulin G**
- (g) Delayed Hypersensitivity**
- (h) Electron Microscope**
- (i) Monoclonal Antibodies**
- (j) Adjuvants.**