

SECOND M.B., B.S., DEGREE EXAMINATION,
APRIL 1992.

Part I

MICROBIOLOGY — I

(GENERAL MICROBIOLOGY, IMMUNOLOGY AND
PARASITOLOGY)

Time : Three hours

Maximum : 90 marks

Two and a half hours
for Sections A and B

Sections A and B : 60 marks

Answer ALL the questions.

Sections A and B should be answered in separate answer books.

Draw diagrams wherever needed for answers.

SECTION A — (30 marks)

1. Enumerate the intestinal parasites of man and write in detail the laboratory diagnosis of enterobiasis. (15 marks)
2. Classify bacteria depending on their shape. Give examples and write in detail about the flagella of bacteria. (15 marks)

SECTION B — (6 × 5 = 30 marks)

Write notes on :

- (a) Anaphylaxis.
- (b) Seitz filter.
- (c) Transduction.
- (d) Gametocytes of *P. falciparum*.
- (e) Heterophile antigens.
- (f) *Cysticercus cellulosae*.