

APRIL 1992.

[1010]

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

Paper II — MICROBIOLOGY

Paper II — SYSTEMIC BACTERIOLOGY, VIROLOGY,
ELEMENTARY MYCOLOGY AND APPLIED MICROBIOLOGY

Time : Three hours Maximum : 90 marks

Time : Two and a half hours
for Sections A and B Sections A and B : 60 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A — (2 × 15 = 30 marks)

1. Describe the morphology, cultural characteristics and Laboratory diagnosis of *Salmonella Typhi*. (15 marks)
2. Describe the morphology and pathogenesis of Rabies Virus. Explain in detail the treatment of Rabies infection? (15 marks)

SECTION B

3. Write short notes on : (6 × 5 = 30 marks)
 - (a) Coagulase test.
 - (b) Elek's test.
 - (c) Antigenic drift and shift.
 - (d) Rota virus.
 - (e) *Cryptococcus Neoformans*.
 - (f) *Aspergilloma*.