

SECOND M.B.,B.S. DEGREE EXAMINATION,  
DECEMBER 1991.

Part II — Microbiology

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

Time : Three hours.

Maximum : 90 marks.

Answer ALL questions.

Answer Sections A and B in separate Answer Books.

SECTION A

1. What are arbo viruses. Give an account of the common arbo viral diseases prevalent in India. (15)
2. Classify streptococci. Give the pathogenicity and lab diagnosis of streptococcus pyogenes. (15)

SECTION B

3. Write briefly on :
  - (a) Neufeld—Quellung reaction.
  - (b) Mycetoma.
  - (c) Live viral vaccines.
  - (d) Weil—Felex reaction.
  - (e) E.B. Virus.
  - (f) Prophylaxis of tetanus. (6 × 5 = 30)