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SECOND M.B.B.S. DEGREE EXAMINATION

Part II

(New Regulations)

Paper II - MICROBIOLOGY - II

(Systemic, Bacteriology, Virology, Elementary
mycology and applied Microbiology)

Time : Three hours

Maximum : 100 marks

Two and a half hours
for Section A and B

Section A and B : 70 marks

Separate answer books must be used for Sections A and B

Section C must be answered separately on the answer sheet provided

Answer ALL the questions

Draw diagrams wherever necessary

SECTION A (2 x 15 = 30)

1. Enumerate Hepatitis viruses. Describe the mode of transmission and prophylaxis of Hepatitis B virus infection.
2. Enumerate the bacteria causing acute gastro-enteritis in mass. Describe the morphology, cultural characters of vibrio cholera and discuss the laboratory diagnosis of cholera.

SECTION B (8 x 5 = 40)

3. Write the short notes on:

- (a) Rabies prophylaxis
- (b) Laboratory diagnosis of Leptospirosis
- (c) Multidrug resistant salmonella typhi
- (d) Frei's test
- (e) Candida albicans
- (f) Polio vaccines
- (g) Immuno prophylaxis of tetanus
- (h) Water born diseases