

Time: 10.30 a.m. - 12.30 p.m.

Please note:

- a) All the questions are compulsory
- b) Figures to the right indicate marks
- c) Answers to SECTION II & III to be written in separate answer books.

Total Marks: 80

**SECTION II (Pathology)**

Q-2 Describe different stages of fracture healing and factors affecting the healing process. (15)

OR

Etiopathology of leprosy. (15)

Q-3 Write short notes on: (15)

- a) Lobar pneumonia
- b) Etiopathological classification of anemia
- c) Etiopathology of osteomyelitis
- d) Atrophy
- e) Risk factors for atherosclerosis

**SECTION III (Microbiology)**

Q.4 Write short notes on: (Any three) (15)

- (a) Bacterial flagella
- (b) Structure and functions of Ig G
- (c) Autoclave
- (d) Delayed hypersensitivity reaction

Q 5 Write short notes on: (15)

- a) Classification of *Streptococci*
- b) Laboratory diagnosis of *Neisseria Meningitidis*
- c) Toxins produced by *Staphylococcus aureus*
- d) Morphological forms of *E.histolytica*
- e) Selective media