



GB-133002

Seat No. _____

Bachelor of Physiotherapy (Sem. III) Examination

March / April – 2019

BPTOC - 302 : Microbiology

Time : 2 Hours]

[Total Marks : 40

- Instructions :** (1) Answer should be brief and to the point.
(2) Illustrate answer with suitable diagrams.
(3) Figures to the right indicate full marks.

SECTION - I

- 1 Long Answer : (Any One out of Two) 1×15=15**
(a) Define sterilization. Classify physical methods of sterilization. Describe in brief principle and uses of Autoclave.
(b) Classify Mycobacterium. Describe in brief pathogenesis and laboratory diagnosis of Pulmonary Tuberculosis.
- 2 Short Answer : (Any Three out of Four) 3×5=15**
(a) Laboratory diagnosis of Candida albicans
(b) Agglutination reactions
(c) Bacterial growth curve
(d) Laboratory diagnosis of Vibrio cholerae
- 3 Very Short Answer : (Any Five out of Seven) 5×2=10**
(a) Enumerate four DNA viruses
(b) Name two wastes discarded in yellow bag
(c) Enumerate two applications of ELISA
(d) Enumerate four bacteria causing urinary tract infections
(e) Mention two toxins produced by fungi
(f) Enumerate two non-suppurative infections associated with streptococcus pyogenes
(g) Draw a neat labeled diagram of IgM