T.Y. B.Sc. SEM-VI (C.B.C.S-2016 COURSE): SUMMER-2019 SUBJECT: MICROBIOLOGY: IMMUNOLOGY

| Day Date N.B. | | 0.04.2019 | 8-2019-090 | Time : 3.00 P. M. T Max. Marks: 60 | P.M |
|---------------|---|---|--|---------------------------------------|-----|
| | 1) 2) 3) | 2) Figures to the right indicate FULL marks. | | | |
| Q.1 | Atte | Attempt ANY TWO of the following: | | | |
| | a)b)c) | Discuss the cytology and functions of T-cell. | | | |
| Q.2 | Atte | Attempt ANY TWO of the following: | | | |
| | a)b)c) | production of 'Type-I Hyp Describe 'Early Hypothesi | | | |
| Q.3 | Atte | Attempt ANY TWO of the following: | | (12) | |
| | a)b)c) | Describe the biological sig | Explain its properties and signific nificance of 'γ- interferons'. 'Contact Type of Hypersensitivity' | | |
| Q.4 | Wri | Write a short notes on ANY THREE of the following: | | (12) | |
| | a)b)c)d) | Interleukin-1 Functions of 'B Lymphocy Types of epitope Burnet's clonal selection th | | | |
| Q.5 | Atte | mpt ANY FOUR of the foll | lowing: | (12) | |
| | a) b) c) d) e) f) | What are 'Type-I interferor Describe 'Allotypes of imm Explain idiotopes and idoty Discuss IL-10 | | | |