

V.P & R.P.T.P SCIENCE COLLEGE
Vallabh Vidhyanagar
Internal Test - 2017
B.Sc Semester V
Microbiology - US05CMIC04

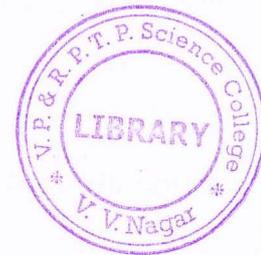
Date: 06.10.2017
Time: 11.00 am to 12.30 pm

Total Marks: 25

N.B. (i) Attempt All Questions. (ii) Marks are indicated on the right.

Q.1. Select the most appropriate answer: (03)

- 1) Following is a Primary Lymphoid Organ:
(a) Spleen (b) Lymph node (c) Both a & b (d) Thymus
- 2) CD8 antigens are present on:
(a) Th cells (b) Tc cells (c) Both a & b (d) B cells
- 3) J chain is present in:
(a) IgA (b) IgM (c) Both a & b (d) None of the above



Q.2. Answer in short (Any Two) (04)

- 1) Describe the properties of Complement.
- 2) What is Cell mediated immunity?
- 3) Write the significance of hinge region in IgG molecule.

Q.3. Write a note on: Acute Inflammation (06)

OR

Q.3. Explain the Respiratory burst mechanism in Phagocytosis. (06)

Q.4. Explain the Process of activation of T Helper cells. (06)

OR

Q.4. Write notes on: (i) Types of T cells (ii) Recognition of Foreignness (06)

Q.5. Explain briefly, the Zone Phenomenon & Lattice Hypothesis. (06)

OR

Q.5. Explain with the help of a neatly labeled diagram, the structure & function of an IgM molecule. (06)
