AC-3093
B. Sc. (Sem. IV) Examination
April / May – 2015
Bioscience : Paper - II
(Basic Immunology)

Time : Hours] [Total Marks : 50

Instructions :

1. Fill up strictly the details of signs on your answer book.
2. Figures to the right indicate full marks of the question.
3. Draw neat and labelled diagram wherever necessary.

1 Answer as directed.

1. Explain : Antivenum.
2. Describe in brief reagin
3. Give any two examples of complement fixing antibody.
4. Enlist the various cells of immune syste .
5. What is interferon
6. Define :
   a) Complement
   b) Immunoglobulin.

2 Answer any two of the following questions.

1. Describe in brief physical barrier of host defence.
2. Write a note on Phagocytosis
3. Explain in brief innate immunity.
3 Describe in detail properties and types of antigen. 14

OR

3 Answer the following questions. 14
1. Describe in brief the basic structure of immunoglobulin.
2. Explain in brief primary and secondary immune response.

4 Write short notes: (any two) 10
1) IgA
2) Lymphocyte
3) Artificial active immunity.