



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

Time : Hours]

[Total Marks : 50

Instructions :

(1)

<p>नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : B. Sc. (Sem. IV)</p> <p>Name of the Subject : Bioscience : Paper - II (Basic Immunology)</p> <p>Subject Code No. : 3 0 9 3 Section No. (1, 2,...): Nil</p>	<p>Seat No. : [][][][][][][]</p> <p>Student's Signature</p>
---	--

(2) Figures to the right indicate full marks of the question.

(3) Draw neat and labelled diagram wherever necessary.

1 Answer as directed. 12

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

2 Answer any two of the following questions. 14

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.
-