



DMM-3090
B. Sc. (Sem. IV) Examination
April / May - 2016
Bioscience
(402 - Basic Immunology)

Time : 2 Hours]

[Total Marks : 50

Instructions :

(1)

<p>नीचे दशांशके निशान्तीवाणी विगतो उत्तरवडी पर अवश्य क्षभवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : ☛ B. Sc. (SEM. 4)</p> <p>Name of the Subject : ☛ BIOSCIENCE</p> <p>☛ Subject Code No. : 3 0 9 0 ☛ Section No. (1, 2.....) : Nil</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; margin-top: 10px;">Student's Signature</div>
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- (2) Draw neat and labeled diagrams wherever necessary.
(3) Figures to the right indicate full marks of the question.

- 1 Answer as directed : 12**
- (1) Explain – Interferon.
 - (2) Describe in brief DI and TD antigen.
 - (3) Give any two examples of live attenuated vaccine
 - (4) Enlist the various T - lymphocyte.
 - (5) What is antiserum?
 - (6) Define : Immunity, Toxoid.
- 2 Answer any two of the followings : 14**
- (1) Describe in brief basic structure of antibody.
 - (2) Write a note on Ig A.
 - (3) Explain in detail cells of immune system.
- 3 Answer any two of the followings : 14**
- (1) Describe in brief chemical barrier of host defense.
 - (2) Write a note on passive immunity.
 - (3) Explain in detail specific defense mechanism.

4 Write short notes on : (Any **two**)

10

- (1) Immune response.
 - (2) Individual immunity.
 - (3) Secondary lymphoid tissue.
 - (4) Antigen properties.
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