



**SB-2766**

**M.Sc. (Medical Technology) (Sem II) Examination**  
**March / April – 2011**  
**Advance Immunology - MT-202**

Time : 3 Hours]

[Total Marks : 70

**Instructions :**

(1)

नीचे दशांशके निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="M.Sc. Medical Technology (Sem II)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Advance Immunology - MT-202"/>	<input type="text"/>
Subject Code No. : <input type="text" value="2"/> <input type="text" value="7"/> <input type="text" value="6"/> <input type="text" value="6"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	<input type="text"/>
	Student's Signature

- (2) Figures to right indicate full marks of the question.  
(3) Give neat diagram where necessary.

- 1 Attempt any TWO : 16  
(a) Roll of T Cell receptor complex in cell mediated immunity.  
(b) B and T cell maturation.  
(c) Secondary humoral responses.
- 2 Answer any TWO : 14  
(a) What is hypersensitivity ? Describe for any two types in detail.  
(b) Explain Immunity to bacterial infection.  
(c) Write about skin test for Tuberculosis.
- 3 Write notes on any THREE : 12  
(a) Diagnostics tests for HIV infection  
(b) Tumor antigens.  
(c) Primary immunodeficiency  
(d) Classification of Tumor antigens  
(e) Write in brief on autoimmunity

- 4 Write in details about any TWO of the following : 14
- (a) Cancer immunotherapy
  - (b) Different types of vaccines
  - (c) Passive immunisation
- 5 Write on any TWO : 14
- (a) MHC gene complex
  - (b) Explain about HLA polymorphism and splits and linkage
  - (c) HLA cross matching in detail.
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