



DRR-3289
Third Year B. Sc. (Sem. VI) (Medical Technology)
Examination
March/April – 2016
MT-18 : Immunology

Time : 2 Hours]

[Total Marks : 50

Instruction :

<p>नीचे दृशावेव निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : Third Year B. Sc. (Sem. VI) (Medical Technology)</p> <p>Name of the Subject : MT-18 : Immunology</p> <p>Subject Code No. : 3 2 8 9 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : □ □ □ □ □ □</p> <p style="text-align: center;">Student's Signature</p>
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1 Answer in short : 10

- (a) What are dendritic cells ? Give their function.
- (b) Explain haptens and adjuvants.
- (c) Name the vaccine used against poliomyelitis and tuberculosis.
- (d) Define opsonisation and neutralization.
- (e) State the difference between immediate and delayed type of hypersensitivity reactions.

2 Describe any two of the following : 14

- (a) The structure and function of TCR.
- (b) Immune complex mediated hypersensitivity reaction.
- (c) Antibody therapeutics and its applications.

3 Write an essay on : **12**

The basic structure and biological properties of Immunoglobulin.

OR

"Role of Cellular and Physiological barriers in Immunity".

4 Write short notes on any **two** of the following : **14**

(a) GVHD

(b) MALT

(c) ELISA
