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Institute of Applied Medicines & Research

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B. Sc. (Micro)-III

3504

B. Sc. (Micro) Examination, May 2016

Immunology

(B-301)

Time : Three Hours]

[Maximum Marks : 50

Note : Attempt any five questions. All questions carry equal marks.

1. Write short notes on any two of the following: $5 \times 2 = 10$

- (i) Autoimmune disease
- (ii) Rheumatoid Arthritis
- (iii) Hashimoto's Thyroiditis.

(2)

2/ What are Immunoglobulins ? Draw diagram and detailed account of antibody IgG. 10

3.// What is the difference between cell mediated and humoral immunity? 10

4./ Describe the types of immunity and what is non-specific defence mechanism. 10

5./ What is monoclonal antibodies ? Write a detailed account of production of monoclonal antibodies. 10

6./ Write short notes on any two of the following: 5×2 = 10

(ii) ELISA

(iii) Immunodiffusion.

(3)

7. Write an essay upon antigen-antibody reaction. 10
8. What is Vaccination ? How many types of vaccines are found of different generations? 10