



ADITYA DEGREE COLLEGES

* ANDHRA PRADESH *

PRE FINAL - EXAMINATIONS

II B.Sc IV SEMESTER

BIO TECHNOLOGY

Max. Marks : 75 M

Time: 3 Hours

Date: 24.03.2020

SECTION-A

I. Answer any FIVE of the following questions:

5 x 5 = 25 M

1. Antigens
2. Antibody diversity
3. Cytokines
4. ADCC
5. Hypersensitive reactions
6. Precipitation
7. Immune response
8. ELISA

SECTION-B

II. Answer the following questions:

5 x 10 = 50 M

9. a) What are Immune organs. Explain the structure and functions of primary lymphoid organs.

(Or)

- b) Explain about different types of Innate Immune Mechanisms.

10. a) Explain about structure and functions of Immunoglobulins.

(Or)

- b) Explain about different complement pathways

11. a) What are MHC. Explain about structure and functions of MHC.

(Or)

- b) Explain about Cell Mediated Immunity

12. a) Explain the autoimmune disorders with suitable examples.

(Or)

- b) Explain about classification of Vaccines.

13. a) What are antigen antibody interactions. Explain about Immunodiffusion.

(Or)

- b) Explain the principle, procedure and applications of Hybridoma technology.