



ADITYA DEGREE COLLEGES

* ANDHRA PRADESH *

PRE FINAL - EXAMINATIONS

III B.Sc VI SEMESTER

BIO TECHNOLOGY

Max. Marks : 75 M

Time: 3 Hours

Date: 20.03.2020

SECTION-A

I. Answer any FIVE of the following questions:

5 x 5 = 25 M

1. Character displacement
2. Resource Partitioning
3. Population regulation
4. Ecotones
5. Herbivory
6. Species diversity
7. Climax
8. Food Chains & Food Webs

SECTION-B

II. Answer the following questions:

5 x 10 = 50 M

9. a) Explain about different types of Biotic interactions.

(Or)

- b) What are Habitat & Niche, Explain different types of Niches.

10. a) What are the characteristics of Population

(Or)

- b) Explain different types of population growth curves.

11. a) What are the important characteristics of Community

(Or)

- b) What are the different types of Succession process

12. a) What are different types of Species interactions

(Or)

- b) Explain about symbiosis & pollination

13. a) What is ecosystem ? Explain about structure and functions of terrestrial ecosystems.

(Or)

- b) Explain about carbon cycle and nitrogen cycle.