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Name.....

Reg. No.....

FIRST SEMESTER B.A./B.Sc. DEGREE EXAMINATION, NOVEMBER 2019

(CBCSS—UG)

Biotechnology

BTY 1C 01—ENVIRONMENTAL BIOTECHNOLOGY

(2019 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A (Short Answer Type Questions)

Answer any ten questions.

Each question carries 2 marks.

1. Components of ecosystem.
2. What is Ozone depletion ?
3. End pipe treatment.
4. Major Air pollutants.
5. Non-renewable resources.
6. Bioscrubbers.
7. Distinguish habitat and niche.
8. What is green chemistry ?
9. What is predation ?
10. What is acid rain ? How it affect ecosystem ?
11. Diazotroph.
12. Green land ecosystem.

(10 × 2 = 20 marks)

Section B (Paragraph Type Questions)

Answer any six out of seven questions.

Each question carries 5 marks.

13. Explain how nutrient availability effect ecosystem.
14. Discuss about various non-conventional energy sources.

Turn over

15. Discuss the impacts of climate changes in India.
16. Explain five important characteristics of population.
17. Describe energy flow through ecosystem.
18. Illustrate pond as a typical ecosystem.
19. Describe five different types of interaction among organisms.

(6 × 5 = 30 marks)

Section C (Essay Type Questions)

Answer any one question.

It carries 10 marks.

20. Explain different pollution control strategies.
21. Discuss about Human influence on ecosystem.

(1 × 10 = 10 marks)