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**FIRST SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2018**

(CUCBCSS—UG)

Complementary Course—Biotechnology

BTY 1C 03—ENVIRONMENTAL BIOTECHNOLOGY

Time : Three Hours

Maximum : 40 Marks

**Section A**

*Answer any one question out of two in about 1500 words.  
The question carries 10 marks.*

1. Write an account on renewable and non-renewable resources
2. Discuss the advantages of biological pollution control measures.

(1 × 10 = 10 marks)

**Section B**

*Answer any three questions out of five in about 1,000 words.  
Each question carries 5 marks.*

3. Explain energy flow through ecosystem.
4. Give a brief account on freshwater aquatic ecosystem.
5. Write a short note on succession.
6. What is meant by acid precipitation ? Explain.
7. Write a short note on Phytoremediation.

(3 × 5 = 15 marks)

**Section C**

*Answer all five questions in about 500 words.  
Each question carries 3 marks.*

8. What do you mean by abiotic factors ?
9. Define behavioral ecology ?
10. Explain Greenhouse effect.
11. Write a note on carbon cycle
12. What are the effects of Eutrophication ?

(5 × 3 = 15 marks)