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Name.....

Reg. No.....

FIRST SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2016

(CUCBCSS—UG)

Complementary Course

BTY 1C 03—ENVIRONMENTAL BIOTECHNOLOGY

Time : Three Hours

Maximum : 40 Marks

Section A

Answer any one question out of two questions in about 1500 words.

Each question carries 10 marks.

1. Explain the factors contributing to global warming and ecosystem destruction.
2. Discuss the role of micro-organisms in the carbon cycle.

(1 × 10 = 10 marks)

Section B

Answer any three out of five questions in about 1000 words.

Each question carries 5 marks.

3. What are the major causes of pollution ?
4. Give an account of the sulfur cycle.
5. Discuss in-situ remediation of polluted sites.
6. What are the strategies to preserve non-renewable resources.
7. Elaborate the advantages of biological pollution control methods.

(3 × 5 = 15 marks)

Section C

Answer all five question in about 500 words.

Each question carries 3 marks.

8. Phosphorus cycle.
9. Acid rain.
10. Eutrophication.
11. Bio fertilizers.
12. Composting.

(5 × 3 = 15 marks)