

**D 13841**

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)

