

C 24788

Name.....

Reg. No.....

**SECOND SEMESTER B.Sc. DEGREE EXAMINATION, MAY 2017**

(CUCBCSS—UG)

Complementary course

BTY 2C 07—ENVIRONMENTAL BIOTECHNOLOGY

Time : Three Hours

Maximum : 40 Marks

**Section A**

*Answer any **one** question out of **two** questions in about 1,500 words.  
The question carries 10 marks.*

1. Discuss anaerobic waste water treatments.
2. Explain the waste water treatment using aquatic plants.

(1 × 10 = 10 marks)

**Section B**

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

3. Explain the methods of removal of nitrogen from waste water.
4. Explain primary treatment.
5. What are the causes of water pollution ?
6. Write a note on rotating biological contactors.
7. Explain-e-coli as in dicator organism.

(3 × 5 = 15 marks)

**Section C**

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

8. Trickling filters.
9. MPN test.
10. Packed collumn reactors in waste water treatments.
11. Activated sludge.
12. Chlorination.

(5 × 3 = 15 marks)

