

C 17211

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Name.....

Reg. No.....

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, JULY 2011

(CSS)

GB 2C3—ENVIRONMENTAL BIOTECHNOLOGY

(2010 Admissions)

Time : Three Hours

Maximum : 36 Weightage

Section A

Answer all questions.

1. BIO POLA.
2. Ananda chakravarty.
3. In situ bioumediation.
4. Bio scrubbers.
5. Oxidation ponds.
6. Wormi culture.
7. Sources of pollution.
8. Symbiotic nitrogen fixers.
9. Aquatic plants in waste water treatment.
10. Xenobiotics.

(10 x 1 = 10)

Section B

Answer any seven of the questions.

Write notes on:

11. Control measures for air pollution.
12. Activated studge process.
13. Treatment of tannery wastes.
14. Microbial degradation of polychlorinated biphenyls.
15. Microbial process for pesticide transformation.
16. Biogas plants.
17. Reactors used in waste water treatment
18. Types of biopesticides.
19. Green house
20. BT te ———y.

(7 x 2 = 14)

Turn over

Section C

Answer any two of the questions.

21. Discuss the production of biofuels from biomass and its future impact.
22. Discuss the various strategies adopted for treatment of hazardous wastes.
23. Explain the need for water resource management and the various methods of controlling water pollution.

(2 x 6 = 12)