

C 63057

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Name.....

Reg. No.....

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, JUNE 2019

(CUCSS)

General Biotechnology

GB 2C 3—ENVIRONMENTAL BIOTECHNOLOGY

(2010 Admissions)

Time : Three Hours—————

Maximum : 36 Weightage

Section A (Very Short Answer Type)

*Answer **all** questions.*

Each with weightage 1.

- | | |
|-----------------------|----------------------|
| 1. EPA. | 2. Define pollutant. |
| 3. Biofim. | 4. UASB. |
| 5. PCB. | 6. Biosorption. |
| 7. BOD ₅ . | 8. PHB. |
| 9. Biogas. | 10. Acid Rain. |

(10 x 1 = 10 weightage)

Section B

*Write brief notes on any **seven** questions.*

Each with weightage 2.

11. Basic concepts of Healthy environment.
12. Sources of air pollution.
13. Trickling Filter.
14. Biomedical wastes.
15. Phytoremediation.
16. PHA.
17. Adverse effect of pesticides in environment.
18. Degradative plasmids.

Turn over

19. Hydrogen production from biomass.
20. Ozone depletion.

(7 x 2 = 14 weightage)

Section C

Answer any two questions.

Each with weightage 6.

21. Explain the different types of Biopesticides, their mechanisms of action and merits.
22. Describe the impact of Water pollution and control measures.
23. Write a detailed account on Biofuels.

(2 x 6 = 12 weightage)