

C 82413

(Pages : 2)

Name.....

Reg. No.....

**SECOND SEMESTER B.A./B.Sc. DEGREE EXAMINATION, APRIL 2020**

(CBCSS—UG)

Biotechnology

BTY 2C 02—ENVIRONMENTAL BIOTECHNOLOGY

(2019 Admissions)

Time : Two Hours

Maximum : 60 Marks

**Section A (Short Answer Type Questions)**

*Answer any ten questions.*

*Each question carries 2 marks.*

1. E.Coli as indicator organism.
2. What is UASB ?
3. Primary treatment.
4. Methods for Phosphate removal.
5. Biological characteristics of waste water.
6. Disadvantages of chlorination.
7. Sedimentation process.
8. MPN.
9. Alternative water treatment methods.
10. Environmental hazards of waste water.
11. Any four physical characters of waste water.
12. What is eutrophication ?

(10 × 2 = 20 marks)

**Section B (Paragraph Type Questions)**

*Answer any six out of seven.*

*Each question carries 5 marks.*

13. Write down the procedure of distillation of water.
14. What is a packed column reactor ?

Turn over

15. What are stabilization ponds ?
16. Which are the measures to control water pollution ?
17. Describe the working of an anaerobic digester.
18. Write a note on Presumptive test with detailed procedure.
19. Discuss about the advantages of biological wastewater treatment.

(6 × 5 = 30 marks)

### Section C (Essay Type Questions)

*Answer any one question.*

*The question carries 10 marks.*

20. Describe the water purification methods.
21. Describe the steps for determining the quality of potable water.

(1 × 10 = 10 marks)