

Register No.:

499

April 2024

Time - Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.
2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.]

PART - A

1. Write the direct utilization of Bagasse as fuel.
2. What is bio-manure?
3. What are the types of animal feed?
4. Write the chemical formula for ethyl alcohol and Itaconic acid.
5. Differentiate between dry filter cake and wet filter cake.
6. Write the advantages of wax from filtrates.
7. List any three causes of water pollution.
8. Write about the causes of air pollution
9. Write any three effects of soil pollution.
10. What is solid waste management?

PART – B

11. (a) Explain the characteristics of Bagasse production.
(Or)
(b) Compare the manufacture of fiber board and particle board in detail.
12. (a) Explain the differences between beet molasses and cane molasses.
(Or)
(b) Explain about the production of lactic acid and its uses.
13. (a) Explain about the extraction of crude sugarcane wax.
(Or)
(b) Explain the characteristics of carbonation in press mud.
14. (a) Explain the steps to be taken to control the water pollution.
(Or)
(b) Explain about environment protection act.
15. (a) Explain about the control measures to be taken for the soil pollution.
(Or)
(b) Explain about Noise pollution sources from sugar industry and its control measures.
