

Register No.:

659

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 sources of air pollutants.
2. What is CFC?
3. How water pollutants are classified?
4. Write about advanced waste water treatment?
5. How hazardous waste is classified?
6. Write about recycle.
7. What is particle size analyser?
8. Write about electrostatic precipitator.
9. How pollution is controlled in cement industry?
10. What is eco-friendly energy?

[Turn over.....

PART – B

11. (a) Explain the various air pollutants and its properties.
(Or)
(b) Write short notes on (i) Automobile exhaust (7) (ii) Clean coal combustion technology (7).
12. (a) Discuss about the different industrial effluents and their treatments.
(Or)
(b) Explain the Effluent Quality Standards and Laws.
13. (a) Explain the various methods of collection and disposal of solid wastes.
(Or)
(b) Discuss about the technological options for collection, treatment and disposal of hazardous waste.
14. (a) Explain about Atomic Absorption Spectrometer (AAS).
(Or)
(b) Explain the controlling of gaseous emission by adsorption and absorption methods.
15. (a) How pollution is controlled in paper industry? Explain.
(Or)
(b) How pollution is affecting dye and pigment industry? Explain its controlling methods.
