

Register No.:

703

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. What is the impact of pollution on environment?
2. List the various types of pollution.
3. Write a note on ISO 14000.
4. What is Higg Index?
5. What are the toxic substances used in textile processing?
6. What is the principle involved in the estimation of chlorinated phenol?
7. What is organic stabilizer?
8. Write a note on bio-polishing.
9. What is natural dyeing?
10. What is energy audit?

[Turn over.....

PART – B

11. (a) Explain about the pollution load at every stages of processing.

(Or)

(b) Discuss about the list of banned amines and chemicals.

12. (a) Explain about the permissible limits of chemicals using different eco-standards.

(Or)

(b) Discuss about natural textiles and organic cotton production.

13. (a) Explain the principle and procedure involved in the estimation of pesticides.

(Or)

(b) What is carcinogenic dye? How are they estimated? Explain.

14. (a) Explain about the eco-friendly dyeing of sulphur dyes.

(Or)

(b) Explain about the application of diazo sensitizers in screen preparation.

15. (a) Explain about the ultrasound assisted processing.

(Or)

(b) Discuss about the concept of clean technology.
