

Register No.:

379

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 are the uses of Sulphuric acid?
2. Differentiate membrane cell process and mercury cell process.
3. Give the applications of enzymes.
4. List out the applications of Salicylic acid.
5. Give the raw materials for production of cement.
6. What are the applications of Titanium Dioxide?
7. Define bleaches and whiteners.
8. Give some examples of foam agents.
9. Write short notes on solution spinning.
10. List out the properties of fibers.

[Turn over.....

PART – B

11. (a) Explain with a neat sketch of manufacture of chlorine.

(Or)

(b) Explain the manufacture of Hydrochloric acid with a neat sketch.

12. (a) Explain the production of Insulin.

(Or)

(b) Describe the production of sucrose from cane sugar.

13. (a) What is Glass? Explain the different types of glasses.

(Or)

(b) Explain the manufacturing procedures for Pigments.

14. (a) Discuss the production of detergent through olefins with flow diagram.

(Or)

(b) Explain ISO SIV Adsorption Process for n-paraffin.

15. (a) Explain about Solution Polymerization and Emulsion Polymerization.

(Or)

(b) Explain the production and uses of Polyester Ribbon.
