

## **BSIC-MJ303**

**B.Sc. DEGREE EXAMINATION, NOV./DEC. - 2024**

**(THIRD SEMESTER) (Major)**

**INDUSTRIAL CHEMISTRY**

**Chemical Process Industries - III**

**(w.e.f. 2023-2024 Admitted Batch)**

**Time : 3 Hours**

**Max. Marks : 75**

### **PART - A**

**(5 × 5 = 25)**

**Answer any FIVE questions.**

1. Explain metal spraying.
2. Explain uses of pigments.
3. Give the Classification of paints.
4. Explain about filling and sizing.
5. Give the differences between synthetic and natural fibers.
6. Explain copolymerisation.
7. Explain types of Rubber.
8. Give the properties of plastics.

**SA-884**

**[1]**

**[P.T.O.]**

**BSIC-MJ303**

**PART - B**

(5 × 10 = 50)

**Answer ALL questions.**

9. a) Explain types of metal coating.

OR

- b) Explain the commercial method of preparation of pigments.

10. a) Explain the manufacturing of paints.

OR

- b) Explain the manufacturing of paper.

11. a) Explain the preparation of rayon, nylon 6, 6 and terylene.

OR

- b) Explain the preparation of Teflon and acetone rayon.

SA-884

[2]

**BSIC-MJ303**

12. a) Explain different types of Rubber.

OR

- b) Explain the manufacturing of Rubber.

13. a) Explain Addition polymerisation with mechanism.

OR

- b) Explain condensation polymerisation with examples.

\*\*\*

SA-884

[3]

REDMI NOTE 5 PRO  
MI DUAL CAMERA

