

## BSIC-MJ302

### PART - B

(5 × 10 = 50)

Answer ALL questions.

9. a) Explain the manufacturing of sulphuric acid by contact process.

OR

- b) Explain the manufacturing of sulphuric acid by chamber process.

10. a) Explain the manufacturing of Fertilizers.

OR

- b) Explain about superphosphate and potassium fertilizers.

11. a) Explain Castner - Kellner cell method.

OR

- b) Explain Solvay's process.

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12. a) Explain the Synthetic Lubricants and Solid lubricants.

OR

- b) Explain testing of Lubricants.

13. a) Explain about Saturated Hydrocarbons.

OR

- b) Write about Aromatic Hydrocarbons.

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## **BSIC-MJ302**

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

(THIRD SEMESTER) (MaJor)

INDUSTRIAL CHEMISTRY

Chemical Process Industries - II

(w.e.f. 2023-24 Admitted Batch)

Time : 3 Hours

Max. Marks : 75

### **PART - A**

(5 × 5 = 25)

**Answer any FIVE questions.**

1. Explain principles involved in manufacturing of sulphuric acid.
2. Give the classification of Fertilizers.
3. Explain NPK Fertilizers.
4. Explain Nelson-cell method.
5. Explain the classification of Hydrocarbons.
6. Give the classification of lubricants.
7. Explain Flashpoint and cloud point.
8. Explain about plant nutrients.

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[P.T.O.]