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PART - B

 $(5\times10=50)$

Answer ALL questions.

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 Solvays process.

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

OR

- b) Explain testing of Lubricants.
- 13. a) Explain about Saturated Hydrocarbons.

OR

b) Write about Aromatic Hydrocarbons.

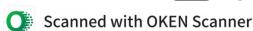
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B.Sc. DEGREE EXAMINATION, NOV./DEC. - 2024 (THIRD SEMESTER) (MaJor) INDUSTRIAL CHEMISTRY

Chemical Process Industries - II (w.e.f. 2023-24 Admitted Batch)

Time: 3 Hours Max. Marks: 75

PART - A

 $(5\times 5=25)$

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.