

Total No. of Questions : 6]

SEAT No. :

P290

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BE/INSEM/APR-617

B.E. (Chemical) (Semester - II)

409352D : PETROCHEMICAL ENGINEERING

(2015 Pattern) (Elective - IV)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) Answer any three questions.
- 2) Figures to the right indicate full marks.
- 3) Neat diagrams must be drawn wherever necessary.
- 4) Assume suitable data, if necessary.

Q1) Write down the importance of Petrochemicals and status of Petrochemical industries in India. [10]

OR

Q2) What are the main basic building blocks of petrochemical industry? Explain with suitable examples. [10]

Q3) What are basic principle sources of aromatics? Describe the Benzene aromatic separation by suitable diagram. [10]

OR

Q4) Explain with neat diagram process for Benzene production and list out its derivatives. [10]

Q5) Write in details about the various separation and purification techniques used in Petrochemical industry. [10]

OR

Q6) Write in details about the various separation and purification techniques used in petrochemical industry. [10]

