

220553

5th Sem / Chemical

M.M. : 60

c) Origin of petroleum (CO1)

c) 35 d) 85

- Q.4 Cracking is (CO3)
- a) An exothermic reaction
 - b) An endothermic reaction
 - c) Favoured at very low temperature
 - d) None of these

- Q.5 Crude oil produces by Indian oil fields is predominantly _____ in nature. (CO2)
- a) Paraffinic b) Naphthenic
 - c) Asphaltic d) Mixed base

- Q.6 Flash point an oil is determined by the (CO2)
- a) Pensky Martens apparatus
 - b) Ramsbottom apparatus
 - c) Saybolt viscometer
 - d) Conradson apparatus

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Write chemical formula of methanol. (CO4)
- Q.8 Write chemical formula of Ethane. (CO4)

(2)

220553

- Q.9 What is cetane number. (CO1)
- Q.10 Define petrochemical technology. (CO1)
- Q.11 Write two properties of butanol. (CO4)
- Q.12 Define Crude oil. (CO1)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Discuss the major petrochemicals from petroleum products. (CO1)
- Q.14 Write about properties and significance of petroleum products. (CO1)
- Q.15 Differentiate between thermal and catalytic cracking. (CO3)
- Q.16 Write about flash and fire point. (CO2)
- Q.17 With flow sheet, discuss about ethanol. (CO4)
- Q.18 List major petroleum and petrochemical plants in India. (CO1)
- Q.19 Write uses of any one C3 compound. (CO4)
- Q.20 Write properties of aromatic compounds. (CO4)
- Q.21 Discuss about Aniline point. (CO2)

(3)

220553