

Total No. of Questions : 8]

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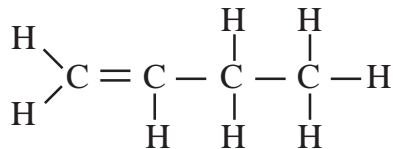
Roll No .....

**CM-701(A) (GS)**  
**B.E. VII Semester Examination, June 2020**  
**Grading System (GS)**  
**Petroleum Processing Technology**  
*Time : Three Hours*

**Maximum Marks : 70**

- Note:** i) Attempt any five questions.  
ii) All questions carry equal marks.

1. Discuss the term atmospheric distillation also explain the mode of arrangement of towers.
2. The diagram below shows one of the components of crude oil:



What is the name of this substance?

3. What is Principle of Reforming? What are the reactions involved in it?
  4. Discuss the term casing head gas, associated gas and LPG gas. Give their characteristics.
  5. What is Catalytic cracking? Explain deep catalytic cracking.
  6. What is petroleum crude? What are the typical properties of crude oil?
- OR
- What is Polymerization? State the 3 methods of polymerization.
7. What is Desulfurization? Discuss the Most Common Methods of Removal of Sulphur.
    - i) Hydro desulfurization.
    - ii) Chemical Desulfurization.
  8. Explain the following:(Any two)
    - a) API Gravity
    - b) Be-waxing
    - c) Hydro-cracking
    - d) Vis-breaking

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