

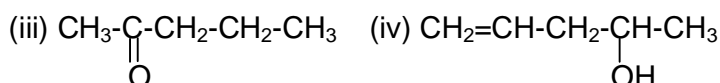
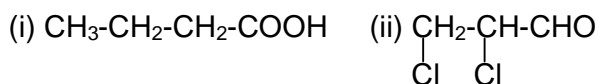
SLIP TEST- 14  
CHAPTER- 14 : CARBON AND ITS COMPOUNDS

Name:..... Section:..... Roll No:..... Max.Marks:20

**I. Answer the following questions. Each carries four marks. 2 x 4 = 8 M**

1) Write the differences between Alkanes, Alkenes and Alkynes.

2) Name the following structures



**II. Answer the following questions briefly. Each carries two marks. 2 x 2 = 4 M**

3) Write the atoms or group of atoms of the following functional groups.

(i) Ketone                      (ii) Amine

4) Explain addition reactions of Alkenes.

**III. Answer the following in one or two sentences. Each carries one marks. 2 x 1 = 2 M**

5) Define Saponification.

6) Name the allotropes of carbon.

**IV. Choose the correct choice and write down in the given brackets. 6 x 1 = 6 M**

7) The suffix used for naming an aldehyde is [    ]

A. -ol                      B. -al                      C. -one                      D. -ene

8) Which one of the following hydrocarbon can show isomerism [    ]

A.  $\text{C}_2\text{H}_4$                       B.  $\text{C}_2\text{H}_6$                       C.  $\text{C}_3\text{H}_8$                       D.  $\text{C}_4\text{H}_{10}$

9)  $\text{CH}_2\text{OH-CHOH-CH}_2\text{OH}$  is called [    ]

A. Glycerol                      B. propane 1,3 tri ol      C. both A and B                      D. None of the above

10) General formula of a soap [    ]

A.  $\text{H-COONa}$                       B.  $>\text{C=O}$                       C.  $\text{R-COONa}$                       D.  $\text{R-}\langle\bigcirc\rangle\text{-SO}_3\text{H}$

11) These participate in substitute reactions [    ]

A. Alkanes                      B. Alkenes                      C. Alkynes                      D. None of the above

12) Identify **cyclo butane** [    ]

A.       B.       C.       D. 