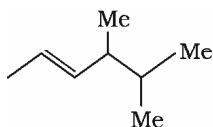
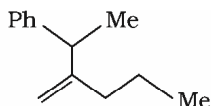


Date Planned : __ / __ / __	Daily Tutorial Sheet-1	Expected Duration : 90 Min
Actual Date of Attempt : __ / __ / __	Level-1	Exact Duration : _____

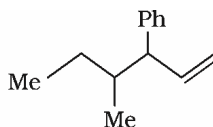
1. Which one of the following is sec-butyl phenylvinyl methane ?



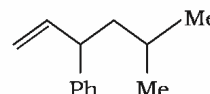
(A)



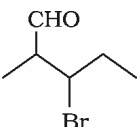
(B)



(C)



(D)

2. The IUPAC name of  is :

(A) 2-Methyl-3-bromohexanal

(B) 3-Bromo-2-methylbutanal

(C) 2-Bromo-3-bromobutanal

(D) 3-Bromo-2-methylpentanal

3. The IUPAC name of acryldehyde ($\text{CH}_2 = \text{CHCHO}$) is :

(A) Prop-2-en-1-ol

(B) Propenylaldehyde

(C) But-2-en-1-al

(D) Prop-2-en-1-al

4. Pick out the correct statement from the following and choose the correct answer from the codes given below :

I. Prop-1, 2-diene is a conjugated diene

II. Hexa-1, 3-diene is a conjugated diene

III. Buta-1,3-diene is an isolated diene

IV. Prop-1, 2-diene is a cumulated diene

The correct choice is :

(A) II, III

(B) I, IV

(C) II, IV

(D) III, IV

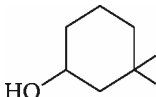
5. The IUPAC name of $\text{H}_3\text{C}-\underset{\text{OC}_3\text{H}_7}{\text{CH}}-\text{C}_3\text{H}_7$ is :

(A) 4-Propoxypentane

(B) Pentylpropyl ether

(C) 2-Propoxypentane

(D) 2-Pentoxypropane

6. The IUPAC name of the compound  is :

(A) 3, 3-Dimethyl-1-hydroxycyclohexane

(B) 1, 1-Dimethyl-3-hydroxycyclohexane

(C) 3, 3-Dimethyl-1-cyclohexanol

(D) 1, 1-Dimethyl-3-cyclohexanol

7. Glycerol contains:

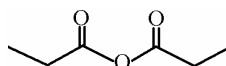
(A) 1° Carbon

(B) 2° Carbon

(C) 3° Carbon

(D) Both 1° and 2° Carbon

8. The IUPAC name of the following compound is :



(A) Propionic anhydride

(B) Dipropanoic anhydride

(C) Ethoxy propanoic acid

(D) Propanoic anhydride

9. 2, 3-dimethyl hexane contains.....Tertiary.....Secondary andPrimary carbon atoms, respectively :

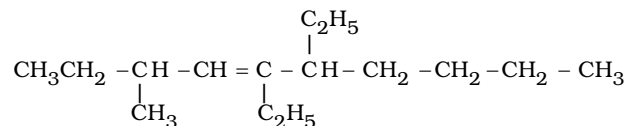
(A) 2, 2, 4

(B) 2, 4, 3

(C) 4, 3, 2

(D) 3, 2, 4

10. The correct IUPAC name of the following compound is :



- (A) 5, 6-Dimethyl-8-methyldec-6-ene (B) 6-butyl-5-ethyl-3-methyloct-4-ene
(C) 5, 6-Diethyl-3-methyldec-4-ene (D) 2, 4, 5-Triethylnon-3-ene

11. Match the columns :

Column 1		Column 2	
(A)		(p)	Styrene
(B)		(q)	Benzophenone
(C)		(r)	Acetophenone
(D)		(s)	Toluene

12. IUPAC name of the compound $\text{CH}_3 - \text{CH}_2 - \underset{\text{CH}_3}{\text{C}} = \underset{\text{CH}_3}{\text{C}} - \text{CH}_2 - \text{CH}_3$ is :

- (A) Trans-3, 4-dimethylhex-3-ene (B) Cis-3,4-dimethylhex-3-ene
(C) Cis-3,4-dimethylhex-4-ene (D) Cis-2,3-diethylbut-2-ene

13. The IUPAC name of is:

- (A) 5-Heptynylheptane (B) 5,6-Diethyl-8-methyldec-6-ene
(C) 3-(3-heptyl) hept-3-ene (D) 5, 6-Diethyl-3-methyldec-4-ene

14. Give the correct IUPAC name for $\text{CH}_3 - \text{CH}_2 - \text{O} - \underset{\text{CH}_3}{\text{CH}} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{Cl}$
- (A) 2-Ethoxy-5-chloropentane (B) 1-Chloro-4-ethoxy-4-methylbutane
(C) 1-Chloro-4-ethoxypentane (D) Ethyl-1-chloropentylether

15. The IUPAC name for $\text{CH}_3 - \underset{\text{H}}{\overset{\text{Cl}}{\text{C}}} - \text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_3$ is :

- (A) 5-Chlorohex-2-ene (B) 2-Chlorohex-5-ene
(C) 1-Chloro-1-methylpent-3-ene (D) 5-Chloro-5-methylpent-2-ene