



Assignment

ABHYAS Academy,

Near Govt. College, Nishat Cinema Road,
Ambala Cantt., Haryana (India)

Phone: +91-171-2631595, +91-9416541198

e-Mail: anusethi1968@yahoo.com

www.abhyasonline.in

Date: __ / __ / __

Name: _____

Max Marks: 20

Section- A (One Marks Each)

- 1 What is solute in vinegar?
- 2 Combustion of saturated hydrocarbons produces _____ flame. And that of unsaturated ones produces _____ flame.
- 3 Give two example of long chain fatty acid.
- 4 How is 1- pentene different from 2- pentene?

Section-B (Two Marks Each)

- 5 What are oxidizing agent? Name the oxidizing agent used in oxidation of ethanol to ethanoic acid.
- 6 Why gas store used at home has inlets for the air?
- 7 What are isomers? Give possible isomers of butane and draw their molecular structures

Section-C (Three Marks Each)

- 8 Differentiate between esterification and saponification.
- 9 An organic compound A of molecular formula C_2H_4 on reduction gives another compound B of molecular formula C_2H_6 . B on reaction with chlorine in the presence of sunlight gives C of molecular formula C_2H_5Cl . Name the compounds A, B and C. Write the chemical equation for the conversion of A to B.

Section-D (Four Marks Each)

- 10 Complete the equations

1. $CH_3COOH + NaHCO_3 \longrightarrow$	2. $CH_3COOH + C_2H_5OH \xrightarrow{CONC H_2SO_4 \Delta}$
3. $C_4H_9OH + K \longrightarrow$	4. $Propane + Cl_2 \xrightarrow{sunlight}$



Assignment

ABHYAS Academy,

Near Govt. College, Nishat Cinema Road,
Ambala Cantt., Haryana (India)

Phone: +91-171-2631595, +91-9416541198

e-Mail: anusethi1968@yahoo.com

www.abhyasonline.in

Date: __ / __ / __

Name: _____

Max Marks: 20

Section- A (One Marks Each)

- 1 What is solute in vinegar?
- 2 Combustion of saturated hydrocarbons produces _____ flame. And that of unsaturated ones produces _____ flame.
- 3 Give two example of long chain fatty acid.
- 4 How is 1- pentene different from 2- pentene?

Section-B (Two Marks Each)

- 5 What are oxidizing agent? Name the oxidizing agent used in oxidation of ethanol to ethanoic acid.
- 6 Why gas store used at home has inlets for the air?
- 7 What are isomers? Give possible isomers of butane and draw their molecular structures

Section-C (Three Marks Each)

- 8 Differentiate between esterification and saponification.
- 9 An organic compound A of molecular formula C_2H_4 on reduction gives another compound B of molecular formula C_2H_6 . B on reaction with chlorine in the presence of sunlight gives C of molecular formula C_2H_5Cl . Name the compounds A, B and C. Write the chemical equation for the conversion of A to B.

Section-D (Four Marks Each)

- 10 Complete the equations

1. $CH_3COOH + NaHCO_3 \longrightarrow$	2. $CH_3COOH + C_2H_5OH \xrightarrow{CONC H_2SO_4 \Delta}$
3. $C_4H_9OH + K \longrightarrow$	4. $Propane + Cl_2 \xrightarrow{sunlight}$