

CHEMISTRY-12	Chapter#08(Complete) Test: C-1		
	Name: _____	Class: _____	ID: _____
Date: / /	Marks Total: 40	Marks Obtained:	
Time Allowed: 75 Min.			

Maximum Marks: 08 **(OBJECTIVE TYPE)** Time Allowed: 15 Min.

NOTE: Tick The Correct Option:

- Preparation of vegetable ghee involves:
 - Halogenation
 - Hydrogenation
 - Hydroxylation
 - Dehydrogenation
- Vinyl acetylene combines with HCl to form:
 - Poly acetylene
 - Benzene
 - Chloroprene
 - Divinyl acetylene
- β,β -dichloroethyl sulphide is commonly known as:
 - Mustard gas
 - Laughing gas
 - Phosgene gas
 - Bio gas
- The catalytic oxidation of methane produces:
 - $CO + H_2O$
 - $CO_2 + H_2O$
 - $C_2 + H_2O$
 - CH_3OH
- Structural formula of vinyl chloride is:
 - $CH \equiv C - Cl$
 - $CH_2 = CH - Cl$
 - $CH_3 - CHCl_2$
 - $$\begin{array}{c} CH_2 \quad \text{---} \quad CH_2 \\ | \qquad \qquad | \\ Cl \qquad \qquad Cl \end{array}$$
- When 1-Chloropropane is reacted with alcoholic KOH, the product obtained is:
 - Propane
 - Propene
 - Propyne
 - Butane
- During the electrolysis of aqueous solution of potassium acetate, the gas which is released at anode:
 - H_2
 - CO_2
 - C_2H_6
 - Both 'b' & 'c'
- When mixture of ethene and air are passed over silver oxide at high temperature and pressure, the product formed is:
 - Ethylene epoxide
 - Ethylene glycol
 - Ethyl alcohol
 - $CO_2 + H_2O$

Maximum Marks: 32 **(SUBJECTIVE TYPE)** Time Allowed: 60 Min.

SECTION-I

- Q.2: Give brief answers to the following questions: (20)
- What is the basic principle of IUPAC nomenclature?
 - Write formulas and names of all the isomers of hexane.
 - What is Sabatier-Sendern's reaction? What is the industrial importance of this reaction?
 - How will you convert ethane into methane?
 - Why are alkenes called Olefins?
 - What is Markownikoff's rule? Explain with an example.
 - How may ethene be converted into ethyl alcohol?
 - Describe Kolbe's electrolytic method for the preparation of ethyne.
 - How is ethyne converted into oxalic acid?
 - How can you chemically distinguish between propane and propyne?

SECTION-II

NOTE: Attempt All Questions: (12)

- Q.3: Write down the structural formulae of the following compounds: (i) Isobutylene (ii) But-1-ene-3-yne (iii) 2,5-Heptadiene (iv) Vinyl bromide.
- Q.4: Prepare alkanes from Kolbe's electrolytic method. Give its mechanism.
- Q.5: How will you bring about the following conversions?
- 1-Butene to 1-Butyne
 - 1-Propanol to $CH_3-CH(OH)-CH_2-Cl$.