

CHEMISTRY-12	Chapter#08(Complete) Test: B-1		
	Name:	Class:	ID:
Date: / /	Marks Total: 30	Marks Obtained:	
Time Allowed: 60 Min.			

Maximum Marks: 06 **(OBJECTIVE TYPE)** Time Allowed: 10 Min.

NOTE: Tick The Correct Option:

- Preparation of vegetable ghee involves:
 - Halogenation
 - Hydrogenation
 - Hydroxylation
 - Dehydrogenation
- Which one of the following gases is used for artificial ripening of fruits?
 - Ethene
 - Ethyne
 - Methane
 - Propane
- The general formula of alkane is:
 - C_nH_{2n+1}
 - C_nH_{2n}
 - C_nH_{2n-2}
 - C_nH_{2n+2}
- The correct IUPAC name for 2-Methyl-3-ethylbutane is:
 - 3-Methyl-2-ethylbutane
 - 3-Methyl-2-ethylpentane
 - 3-Methylhexane
 - 2,3-Dimethylpentane
- The alkanes, having carbon range _____, are liquid at room temperature.
 - $C_5 - C_{12}$
 - $C_5 - C_{15}$
 - $C_5 - C_{17}$
 - $C_6 - C_{18}$
- Lindler's catalyst?
 - $Zn + CH_3OH$
 - $Na/Liq. NH_3, -33^\circ C$
 - $Pd(BaSO_4)$
 - $KMnO_4 + KOH$

Maximum Marks: 24 **(SUBJECTIVE TYPE)** Time Allowed: 50 Min.

SECTION-I

Q.2: Give brief answers to the following questions: (16)

- What are Liege Rules?
- What is hydrogenolysis? Give an example.
- Give four uses of methane.
- Describe preparation of alkenes by Kolbe's electrolytic method.
- What is Markownikoff's rule? Explain with an example.
- How is ethene polymerized to polythene?
- How is ethyne prepared from calcium carbide on industrial scale?
- Why are alkynes less reactive than alkenes towards electrophilic reagents?

SECTION-II

NOTE: Attempt All Questions: (08)

Q.3: How will you convert ethene into: (i) Dibromoethane (ii) Formaldehyde (iii) Ethylene glycol (iv) Ethane?

Q.4: How alkenes and alkynes can be prepared by vicinal dihalides?