

<b>CHEMISTRY-12</b>	<b>Chapter#08(Complete) Test: A-3</b>		
	Name:	Class:	ID:
Date: / /	<b>Marks</b>	<b>19</b>	<b>Marks Obtained:</b>
Time Allowed: 40 Min.	<b>Total:</b>		

Maximum Marks: 05      **(OBJECTIVE TYPE)**      Time Allowed: 10 Min.

**NOTE:** Tick The Correct Option:

- Vinyl acetylene combines with HCl to form:
  - Poly acetylene
  - Benzene
  - Chloroprene
  - Divinyl acetylene
- When methane reacts with  $\text{Cl}_2$  in the presence of diffused light the products obtained are:
  - Chloroform only
  - Carbon tetrachloride only
  - Chloromethane and dichloromethane
  - Mixture of a, b, c
- Conversion of unsaturated hydrocarbons into saturated hydrocarbons in the presence of catalyst is called as:
  - Halogenation
  - Hydrogenation
  - Hydroxylation
  - Dehydrogenation
- In Wolf-Kishner's reduction, \_\_\_\_\_ are reduced to alkanes.
  - Alkyl halides
  - Alcohols
  - Aldehydes
  - Ketones
- Which alkyne will give white ppt with ammonical silver nitrate solution?
  - 1-Butyne
  - 3-Penten-1-yne
  - 3-Hexene-1,5-diyne
  - All

Maximum Marks: 14      **(SUBJECTIVE TYPE)**      Time Allowed: 30 Min.

### SECTION-I

- Q.2: Give brief answers to the following questions: (10)**
- Write structural formulas of the followings: a) 3-n-Propyl-1,4-pentadiene b) Divinyl acetylene
  - How will you convert: a) Acetic acid to ethane?      b) Methane into nitromethane?
  - What is ozonolysis? What is its use?
  - How is ethyne prepared from calcium carbide on industrial scale?
  - How will you distinguish between ethene and ethyne? Give two reactions.

### SECTION-II

**NOTE:** Attempt All Questions:

(04)

- Q.3: Give the reactions of ethene with: (iii) HOCl (iv)  $\text{KMnO}_4$**