

## Chemistry Fsc Part 2 Online Test

Sr	Questions	Answers Choice
1	Vinyl acetylene react with HCl to form	A. Polycetylene B. Benzene <b>C. Chloroprene</b> D. Divinylacetylene
2	Which one is not property or uses of mustard gas	A. Used in 1st world war B. Powerful vesicant C. High boiling liquid <b>D. High boiling gas</b>
3	The general formula for Alkene having one double bond is	A. C <sub>n</sub> H <sub>2n+1</sub> <b>B. C<sub>n</sub>H<sub>2n</sub></b> C. C <sub>n</sub> H <sub>2n-2</sub> D. C <sub>n</sub> H <sub>2n+2</sub>
4	Preparation of vegetable ghee involves	A. Halogenation <b>B. Hydrogenation</b> C. Hydroxylation D. Dehydrogenation
5	Formula of chloroform is	A. CH <sub>3</sub> Cl B. CCl <sub>4</sub> C. CH <sub>2</sub> Cl <sub>2</sub> <b>D. CHCl<sub>3</sub></b>
6	The general formula for Alkanes is	A. C <sub>n</sub> H <sub>2n+1</sub> B. C <sub>n</sub> H <sub>2n</sub> C. C <sub>n</sub> H <sub>2n-2</sub> <b>D. C<sub>n</sub>H<sub>2n+2</sub></b>
7	The catalytic oxidation of methane produces	A. CO + H <sub>2</sub> O <b>B. CO<sub>2</sub> + H<sub>2</sub>O</b> C. C <sub>2</sub> H <sub>2</sub> + H <sub>2</sub> O D. H <sub>2</sub> O <sub>3</sub> - OH
8	The presence of a double bond in a compound is the sign of	A. Saturation <b>B. Un-saturation</b> C. Substitution D. None of these
9	Ethers show the phenomenon of	A. Position Isomerism <b>B. Functional group isomerism</b> C. Metamerism D. Chain isomerism
10	The state of hybridization in ethene molecule is	A. $dsp^2$ B. $sp^3$ <b>C. <math>sp^2</math></b> D. sp
11	Which set of Hybrid orbital has planner triangular shape	A. sp <b>B. <math>sp^2</math></b> C. $dsp^2$ D. $sp^3$
12	The bond angle between any two $SP^2$ Hybridized orbitals is of	A. $180^\circ$ B. $109.5^\circ$ <b>C. <math>120^\circ</math></b> D. $107.5^\circ$
13	The state of hybridization of carbon atom in Ethyne	A. sp B. $sp^2$ C. $dsp^2$ <b>D. <math>sp^3</math></b>
		A. SP

- 14 The state of hybridization of "C" in ethane is  
B.  $sp^{<sup>2</sup>}$   
C.  $dsp^{<sup>2</sup>}$   
D.  $sp^{<sup>3</sup>}$
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- 15 Linear shape is associated with set of hybrid orbitals  
A. SP  
B.  $sp^{<sup>2</sup>}$   
C.  $dsp^{<sup>2</sup>}$   
D.  $sp^{<sup>3</sup>}$
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- 16 -SH Functional group is called  
A. Cyano  
B. Mercapto  
C. Nitro  
D. Carboxyl
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- 17 Which one is the heterocyclic compound of oxygen  
A. Pyridine  
B. Parrole  
C. Furan  
D. Thiophene
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