

Chemistry Fsc Part 2 Chapter 8 Online Test

| Sr | Questions | Answers Choice |
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| 1 | The IUPAC name of $C(CH_3)_4$ is | A. Iso Propyl methane B. 2-Methylbutane C. Iso butylmethane D. 2,2 dimethylpropane |
| 2 | Which alkyne reacts with water and form aldehyde | A. Ethyne B. Propyne C. 1- Butyne D. 2- Butyne |
| 3 | Which one of the following can best be used to distinguish between samples of ethane and ethene | A. Aqueous $BaCl_2$ B. Aqueous bromine C. Lime water D. Litmus solution |
| 4 | Synthetic rubber is made by polymerization of | A. Vinylacetate B. Acetylene C. Divinylacetylene D. Chloroprene |
| 5 | Formula of chloroform is | A. CH_3Cl B. CCl_4 C. CH_2Cl_2 D. $CHCl_3$ |
| 6 | When methane reacts with Cl_2 in the presence of diffused light the products obtained are | A. Chloroform only B. Carbon tetrachloride only C. Chloromethane and dichloromethane D. Mixture of a, b, c |
| 7 | The catalytic oxidation of methane produces | A. $CO + H_2O$ B. $CO_2 + H_2O$ C. $C_2H_2 + H_2O$ D. $C_2H_6 + H_2O$ |
| 8 | The presence of a double bond in a compound is the sign of | A. Saturation B. Un-saturation C. Substitution D. None of these |
| 9 | Acetylene polymerized in the presence of ammonium chloride and cuprous chloride to form. | A. Benzene B. PVC C. Divinyl acetylene D. Polyethylene |
| 10 | Vinyl acetylene combines with HCl in | A. Polyacetylene B. Benzene C. Chloroprene D. divinyl acetylene |
| 11 | A gas decolorizes alkaline $KMnO_4$ but has no action with ammoniacal $AgNO_3$, this gas may be | A. C_2H_2 B. C_2H_4 C. C_2H_6 D. CH_4 |
| 12 | Which compound is the most reactive | A. Benzene B. Ethene C. Ethane D. Ethyne |
| 13 | Which one of the following gases is used for artificial ripening of fruits | A. Ethene B. Ethyne C. Methane D. Propane |
| 14 | Which compound is least reactive | A. CH_3-CH_3 B. $CH_2=CH_2$ C. $CH=CH$ D. C_6H_6 |
| 15 | Which has reddish brown colour. | A. silver acetylide B. Copper acetylide C. $BaSO_4$ D. $FeSO_4$ |

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| | | D. Aqueous KMnO_4 solution |
| 16 | Which gas is used for artificial ripening of fruits | A. Ethene B. Methane C. Propane D. Ethyne |
| 17 | Which one of the following is formed when ethyne is heated in copper tube at 300°C | A. Ethene B. Ethane C. Benzene D. Cyclohexane |
| 18 | The general formula for Alkanes is | A. $\text{C}_n\text{H}_{2n+1}$ B. C_nH_{2n} C. $\text{C}_n\text{H}_{2n-2}$ D. $\text{C}_n\text{H}_{2n+2}$ |
| 19 | Which one is used for manufacture of fertilizers | A. Methane B. Ethane C. Ethene D. Ethyne |
| 20 | Raney nickel is prepared by reacting dilute NaOH solution with. | A. Nickel B. Brass C. Nickel and aluminum alloy D. Nickel oxide |