# Chemistry Fsc Part 2 Chapter 8 Online Test

| Sr | Questions | Answers Choice |
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| 1 | The general formula for Alkanes is | A. C<sub>n</sub>H<sub>2n+1</sub><br>B. C<sub>n</sub>H<sub>2n</sub><br>C. C<sub>n</sub>H<sub>2n-2</sub><br>D. C<sub>n</sub>H<sub>2n+2</sub> |
| 2 | Which one is alcylic compound | A. Pyridine<br>B. Toluene<br>C. Ethyl Benzene<br>D. Ethylcyclobutane |
| 3 | Formula of chloroform is | A. CH<sub>3</sub>Cl<br>B. CCl<sub>4</sub><br>C. CH<sub>2</sub>Cl<sub>2</sub><br>D. CHCl<sub>3</sub> |
| 4 | A gas decolorizes alkaline KMnO4 but has no action with ammoniacal AgNO3, this gas may be | A. C2H2<br>B. C2H4<br>C. C2H6<br>D. CH4 |
| 5 | Ethyne on oxidation with strong alkaline KMnO4 changes to | A. Ethyl alcohol<br>B. Acetaldehyde<br>C. Vinyl alcohol<br>D. Glyoxal |
| 6 | When ethyl alcohol is heated with conc. H2SO4 it produces ethene. The temperature required is as proximately | A. 100 <sup>o</sup>C<br>B. 78 <sup>o</sup>C<br>C. Above 200 <sup>o</sup>C<br>D. 140- 170 <sup>o</sup>C |
| 7 | Venyl acetylene combines with HCl in | A. Polyacetylene<br>B. Benzene<br>C. Chloroprene<br>D. divinyl acetylene |
| 8 | Which one of the followings is major product when HBr reacts with 2-butene | A. 2- bromobutane<br>B. 1- bromobutane<br>C. 1-1 di bromobutane<br>D. 1,2 di bromobutane |
| 9 | Which one of the following gases is used for artificial ripening of fruits. | A. Ethene<br>B. Ethyne<br>C. Methane<br>D. Propane |
| 10 | Sodalime is | A. NaOH<br>B. Mixture of Na and Ca(OH)2<br>C. KOH<br>D. Mixture of CaO and NaOH |
| 11 | Vinyl chloride when boiled with alcoholic KOH , gives | A. Acetylene<br>B. Ethylene<br>C. Ethene<br>D. Ethyl alcohol |
| 12 | Which one is used for manufacture of fertilizers | A. Methane<br>B. Ethane<br>C. Ethene<br>D. Ethyne |
| 13 | Which one of the following substances have garlic odour and a colourless gas. | A. CH3OH<br>B. HCOOH<br>C. CH2=CH2<br>D. HC= CH |
| 14 | Which compound is least reactive | A. CH3-CH3<br>B. CH2=CH2<br>C. CH=CH<br>D. C6H6 |
| 15 | Which one of the following compounds will form red precipitate with ammoniacal cuprous chloride | A. Acetylene<br>B. Ethylene<br>C. Benzene<br>D. Methane |

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| 16 | Which substance is formed by the catalytic oxidation of methane at 100 $^{O}$C, 200 atmospheric pressure and copper catalyst | A. Methanol<br>B. Methanal<br>C. Methanoic acid<br>D. All of these |
| 17 | When methane reacts with Cl2 is commonly known as | A. Mustard gas<br>B. Laughing gas<br>C. Phosgene gas<br>D. Bio gas |
| 18 | The addition of unsymmetrical reagent to an unsymmetrical alkene is in accordance with the rule | A. Hund's rule<br>B. Markownikov's rule<br>C. Pauli's Exclusion Principle<br>D. Aufbau Principle |
| 19 | The presence of a double bond in a compound is the sign of. | A. Saturation<br>B. Unsaturation<br>C. Substitution<br>D. None of these |
| 20 | Acetylene reacts with ammoniacal cuprous chloride a red ppt is formed. This red ppt is of | A. Copper chlorite<br>B. Coper chlorate<br>C. Cupric oxide<br>D. Copper acetylide |