

Chemistry Fsc Part 2 Online Test

| Sr | Questions | Answers Choice |
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| 1 | Acetaldehyde reacts usually with | A. Electrophiles only B. Nucleophiles only C. Electrophiles and nucleophiles D. Free radicals only |
| 2 | Industrially ethanal is prepared by air oxidation of. | A. Ethane B. Ethene C. Ethyne D. Acetic acid |
| 3 | Acetaldehyde can be prepared by the oxidation of. | A. Acetic acid B. Ethanol C. 1- Propanal D. Ethanonic acid |
| 4 | What product is formed by the dry distillation of calcium acetate. | A. $\text{CH}_3\text{CH}_2\text{COOH}$ B. CH_3COOH C. CH_3COCH_3 D. $\text{CH}_3\text{CH}_2\text{CHO}$ |
| 5 | Which one is symmetrical ketone | A. Acetone B. Methyl ethyl ketone C. Methyl n propyl ketone D. 2- pentonone |
| 6 | Common names of aldehydes are derived from the common names of. | A. Alcohol B. Ketones C. Carboxylic acids D. Alkenes |
| 7 | Which of the following reagents will reacts with both aldehydes and ketones. | A. Grignard reagent B. Tollens's reagent C. Fehling's reagent D. Benedict 's reagent |
| 8 | Which of the following compounds will not give iodoform test on treatment with I_2/NaOH | A. Acetaldehyde B. Acetone C. Butanone D. 3-Pentaneone |
| 9 | Acetone reacts with HCN to form a cyanohydrin. It is an example of. | A. Electrophilic addition B. Electrophilic substitution C. Nucleophilic addition D. Nucleophilic substitution |
| 10 | Ketones are prepared by the oxidation of. | A. Primary alcohol B. Secondary alcohol C. Tertiary alcohol D. None of these |
| 11 | Which of the following will have the highest boiling point. | A. Methanal B. Ethanal C. Propanal D. 2-Hexanone |
| 12 | Which substance reacts with sodium nitroprusside. | A. Ethanol B. Acetaldehyde C. Dimethyl ketone D. Methanol |
| 13 | Predict the product or reaction. Acetaldehyde + NaOH | A. An aldol B. Acetic acid C. Ethanol D. Paraldehyde |
| 14 | Structure of carbonyl is | A. Tetrahedral B. Linear C. Octahederal D. Trigonal planar |
| 15 | A snake was preserved in a solution and was placed in biology laboratory. The solution is. | A. De ionized water B. Fehling solution C. Formalin D. Chloroform |

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| 16 | Di ethyl ether can be converted to alcohol by heating with. | A. HI B. NaOH C. Water D. KMnO ₄ |
| 17 | Which one of the following methods is used for the preparation of ether. | A. Kolbe's reaction B. Frankland reaction C. Williamson synthesis D. Down's process |