

## Chemistry Fsc Part 2 Chapter 12 Online Test

Sr	Questions	Answers Choice
1	A cyanohydrin is formed by the reaction of	A. Alcohol and HCN B. Ketone and NH <sub>3</sub> C. Aldehyde and NH <sub>2</sub> OH D. Aldehyde and HCN
2	Which of the following has highest boiling point	A. Methanal B. Ethanal C. Propanal D. 2-hexanone
3	Which of the following compounds will not give iodoform test on treatment with I <sub>2</sub> /NaOH	A. Acetaldehyde B. Acetone C. Butanone D. 3-Pentanone
4	Which one of the following compounds is not derivative of NH <sub>3</sub> .	A. Aniline B. Hydrazine C. Phenyl hydrazine D. Picric acid
5	when aldehydes react with Tollen's reagent.	A. A ketone is produced B. An alcohol is produced C. Ag ions are produced D. Ag ions are reduced
6	Which substance is used for silvering of mirror.	A. Acetaldehyde B. Ethanol C. Ethylene glycol D. Acetone
7	Which one has yellow or orange crystalline ppt	A. Acetone hydrazone B. 2, 4 DNPH C. Ethanal oxime D. Bisulphite addition product
8	To product aldehyde group against alkaline oxidizing agent.	A. It is reduced in the presence of catalyst B. An acetal is formed C. It is oxidized D. It is treated with aqueous NaBH <sub>4</sub>
9	Predict the product or reaction. Acetaldehyde +NaOH	A. An aldol B. Acetic acid C. Ethanol D. Paraldehyde
10	The carbon atom of a carbonyl group is	A. sp hybridized B. sp <sup>2</sup> hybridized C. sp <sup>3</sup> hybridized D. none of these
11	Silver mirror test is given by	A. Ethers B. Ketones C. Acids D. Aldehydes
12	Aldehyde react with hydroxyl amine in acidic solution to give	A. An oxime B. Aldol C. Polymer D. Acetic acid
13	Which of the following will have the highest boiling point.	A. Methanal B. Ethanal C. Propanal D. 2-Hexanone
14	An aldehyde compound can be reduced to alkane by	A. Wurtz reaction B. Grignard reaction C. Wolf Kishner reaction D. Kolbe's reaction
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. Glucose

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16 Cannizzaro's reaction is given by

A. Acetaldehyde  
B. Formaldehyde  
C. Propanal  
D. Propanone

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17 Acetaldehyde react, with Grignard reagent to form

A. Primary alcohol  
B. Secondary alcohol  
C. Ter alcohol  
D. Carboxylic acids

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18 What product is formed by the dry distillation of calcium acetate.

A.  $\text{CH}_3\text{CH}_2\text{COOH}$   
B.  $\text{CH}_3\text{COOH}$   
C.  $\text{CH}_3\text{COCH}_3$   
D.  $\text{CH}_3\text{CH}_2\text{CHO}$

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19 Industrially ethanal is prepared by air oxidation of.

A. Ethane  
B. Ethene  
C. Ethyne  
D. Acetic acid

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20 On heating aldehydes with Fehling's solution we get a precipitate whose colour is

A. Pink  
B. Black  
C. Yellow  
D. Brick red

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