

Chemistry Fsc Part 2 Chapter 12 Online Test

Sr	Questions	Answers Choice
1	Which of the following has highest boiling point	A. Methanal B. Ethanal C. Propanal D. 2-hexanone
2	Structure of carbonyl is	A. Tetrahedral B. Linear C. Octahederal D. Trigonal planar
3	On heating aldehydes with Fehling's solution we get a precipitate whose colour is	A. Pink B. Black C. Yellow D. Brick red
4	Acetaldehyde reacts usually with	A. Electrophiles only B. Nucleophiles only C. Electrophiles and nucleophiles D. Free radicals only
5	Which one is symmetrical ketone	A. Acetone B. Methyl ethyl ketone C. Methyl n propyl ketone D. 2- pentonone
6	What product is formed by the dry distillation of calcium acetate.	A. CH ₃ CH ₂ COOH B. CH ₃ COOH C. CH ₃ COCH ₃ D. CH ₃ CH ₂ CHO
7	All of the following tests are used to identify aldehydes except.	A. Tollen's test B. Fehling test C. Baeyer's test D. Benedict test
8	Formalin is	A. 10% solution of formaldehyde in water B. 20% solution of formaldehyde in water C. 40% solution of formaldehyde in water D. 60% solution of formaldehyde in water
9	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
10	Industrially ethanal is prepared by air oxidation of.	A. Ethane B. Ethene C. Ethyne D. Acetic acid
11	The carbon atom of carbonyl group is hybridized	A. Sp B. Sp ² C. Sp ³ D. dsp ²
12	Which substance reacts with sodium nitroprusside.	A. Ethanol B. Acetaldehyde C. Dimethyl ketone D. Methanol
13	Which one of the following compounds undergoes Cannizzaro's Reaction.	A. Acetaldehyde B. Benzaldehyde C. Acetone D. Propionaldehyde
14	Acetone reacts with HCN to form cyanohydrin it is an example of	A. Electrophilic addition B. Electrophilic substitution C. Nucleophilic addition D. Nucleophilic substitution

15	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
16	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
17	Which can produce ketone	A. Sec alcohol B. Calcium acetate C. Propyne D. All of these
18	Acetaldehyde can be prepared by the oxidation of.	A. Acetic acid B. Ethanol C. 1- Proponal D. Ethanonic acid
19	Predict the product or reaction. Acetaldehyde +NaOH	A. An aldol B. Acetic acid C. Ethanol D. Paraldehyde
20	Which one of the following compound does not react with NaOH and I ₂ and also does not form Iodoform.	A. C ₂ H ₅ OH B. CH ₃ CHO C. CH ₃ -CO-CH ₃ D. C ₂ H ₅ -O-C ₂ H ₅