

## Chemistry Fsc Part 2 Online Test

Sr	Questions	Answers Choice
1	Formalin is a 40% solution of	A. $\text{CH}_{\substack{3}}\text{CHO}$ B. $\text{CH}_{\substack{3}}\text{OH}$ C. $\text{HCHO}$ D. $\text{CH}_{\substack{3}}\text{OCH}$
2	The brown gas formed, when metal reduce $\text{HNO}_3$	A. NO B. $\text{NO}_{\substack{2}}$ C. $\text{N}_{\substack{2}}\text{O}_{\substack{3}}$ D. $\text{N}_{\substack{2}}\text{O}_{\substack{5}}$
3	Which one of the following elements burns in air to form an oxide which, when shaken with water, give a solution with a pH greater than 7.	A. Carbon B. Magnesium C. sulphur D. Hydrogen
4	An ester can be prepared by the reaction of.	A. Two alcohols B. Alcohol and an aldehyde C. An alcohol and an organic acid D. an acid and a ketone
5	Zwitter ion is	A. Dipolar ion B. Amino acid with two amino groups C. Amino acid with two carboxylic acid group D. A synthetic amino acid
6	Boric acid cannot be used	A. As antiseptic in medicine B. For washing eyes C. In soda bottles D. For Enamals and Glazes
7	The avoid the formation of toxic compounds with chlorine which substance is used for disinfecting water	A. $\text{KMnO}_4$ B. $\text{O}_3$ C. Alums D. Chloramines
8	Which one of the following does not react with dilute sulphuric acid.	A. $\text{Mg}(\text{OH})_2$ B. Mg C. $\text{MgO}$ D. $\text{Mg}(\text{NO}_3)_2$
9	Which one of the following oxides is amphoteric in nature.	A. $\text{MgO}$ B. $\text{Na}_2\text{O}$ C. $\text{SO}_2$ D. $\text{ZnO}$
10	Which reagent is used to reduce a carboxylic group to an alcohol	A. $\text{N}_2\text{H}_4$ / Ni B. $\text{H}_2$ /Pt C. $\text{NaBH}_4$ D. $\text{LiAlH}_4$
11	The normal amount of overhead ozone is.	A. 300 DU B. 350 DU C. 400 DU D. 450 DU
12	Which substance usually undergo nucleophilic addition reactions.	A. Benzenes B. Aldehydes C. Alkenes D. All of these
13	Denaturing of protein is	A. Hydrolysis of protein B. Unfolding of protein C. Three dimensional twisting and folding of peptide chain D. Developing hydrogen bonding in peptide chain
14	Which one of the following is an amide	A. $(\text{NH}_2)_2\text{CO}$ B. $\text{NH}_2\text{CH}_2\text{NH}_2$ C. $\text{C}_6\text{H}_5\text{NH}_2$ D. $\text{N}(\text{CH}_2)_3$
15	The product of fermentation of sucrose is	A. Ethanol and $\text{H}_2\text{O}$ B. Ethanol and CO

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16 Which element form maximum compounds with Xenon

A. F  
B. Cl  
C. Br  
D. I

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17 Which one of the following elements has no variable valency.

A. Zinc  
B. Iron  
C. cobalt  
D. Manganese

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18 Which of the following is not directly prepared from CH<sub>3</sub>COOH

A. Ethyl acetate  
B. Acetyl chloride  
C. Acetic anhydride  
D. Acetamide

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19 Oxidation of NO in air produces

A. N<sub>2</sub>O  
B. N<sub>2</sub>O<sub>3</sub>  
C. N<sub>2</sub>O<sub>4</sub>  
D. N<sub>2</sub>O<sub>5</sub>

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20 What is the function of Head box in paper making machine.

A. It reduces the thickness of paper  
B. It dry the paper  
C. It discharge teh pulp at the screen of fourdrinier table  
D. Web structure is consolidated

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