

## Chemistry Fsc Part 2 Online Test

Sr	Questions	Answers Choice
1	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
2	In water the concentration of dissolved O <sub>2</sub> should be	A. 1-3 ppm B. 2-4 ppm C. 4-8 ppm D. 8-12 ppm
3	The strength of binding energy of transition elements depend upon	A. number of electron pairs B. number of unpaired electron pairs C. number of neutrons D. number of protons
4	The nitrogen present to some fertilizers helps plants to	A. Fight against diseases B. Produce fat C. Undergo photosynthesis D. Produce protein
5	Which one is perchloric acid	A. HClO B. HClO C. HClO <sub>3</sub> D. HClO <sub>4</sub>
6	Which is not an ore of iron	A. haematite B. Magnetite C. limonite D. Cassiterite
7	Which substance is used to consulate rubber latex	A. Ethyl alcohol B. Acetaldehyde C. Acetic acid D. Water
8	Ortho boric acid on strong beating gives.	A. Borax B. Boron oxide C. Metaboric acid D. Tetraboric acid
9	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
10	Woody raw material for paper pulp is obtained from	A. Cotton B. Bagasse C. Poplar D. Rice straw
11	When methane reacts with Cl <sub>2</sub> is commonly known as	A. Mustard gas B. Laughing gas C. Phosgene gas D. Bio gas
12	The main pollutant of leather tanneries in the waste water is due to	A. Lead B. Chromium VI C. Copper D. Chromium III
13	A carboxylic acid contains	A. a hydroxyl group B. a carboxyl group C. a hydroxyl and carboxyl group D. a carboxyl and an aldehyde group
14	Starch is	A. Monosaccharide B. Disaccharide C. Polysaccharide D. Oligosaccharide
15	Acetaldehyde reacts usually with	A. Electrophiles only B. Nucleophiles only C. Electrophiles and nucleophiles

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16 Formic acid is present in.

A. Butter  
B. Vinegar  
**C. Ant**  
D. Sunflower

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17 When  $\text{CO}_2$  is made to react with ethyl-magnesium iodide followed by acid hydrolysis, the product formed is

A. Propane  
**B. Propanoic acid**  
C. Propanal  
D. Propanol

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18 Ethanol on oxidation in the presence of  $\text{K}_2\text{Cr}_2\text{O}_7$  and Conc.  $\text{H}_2\text{SO}_4$  changes to.

**A. Acetaldehyde**  
B. Ethane  
C. Ethene  
D.  $\text{CO}_2$  and  $\text{H}_2\text{O}$

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19 What products is formed when ethyl bromide reacts with magnesium to form Grignard's reagent.

A. Pyridine  
**B. Anhydrous ether**  
C. Ethyl alcohol  
D. Carbon tetrachloride

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20 Which one of the following compounds is most abundant in nature.

A. glucose  
B. Starch  
**C. Cellulose**  
D. Fructose

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