

ECAT Chemistry Online Test

Sr	Questions	Answers Choice
1	A 4f orbital has	A. one node B. two node C. three node D. four nodes
2	The saturated hydrocarbons usually end with suffix	A. Ane B. Ene C. Yne D. Oic
3	Which one of the following substance is no used as drying agent in desiccators	A. Silica gel B. CaCl ₂ C. Phosphorous D. NaCL(50%)
4	Grignard reagent is prepared by the reaction of magnesium metal with alkyl halide in the presence of	A. Alcohol B. Water C. Suephuric acid D. Dry ether
5	The value of SHE is cathode and anode is always taken to be	A. One B. Zero C. Different D. Same
6	The simplest separating unit of a polymer is called:	A. Monomer B. Dimer C. Trimmer D. Macromer
7	Drawback DDT as presticide is	A. I becomes ineffective after some time B. It is less effective than others C. It is not easily/rapidly degraded in nature D. Its high cost
8	What is not true about DNA	A. It preserve genetic information B. To relicates C. Synthesized protein D. It has a linear structure
9	The percentage of nitrogen in ammonia is	A. 80% B. 82% C. 90% D. 50%
10	In cold countries ethylene glycol is added to water in radiators of cars during winter. It results in	A. Lowering in b.pt B. Reducing viscosity C. Reducing specific heat D. Lowering in freezing pt
11	Weakest acid among the followings is	A. Acetic acid B. Phenol C. Water D. Acetylene
12	The strongest acid among the following aromatic compound is	A. Ortho-nitrophenol B. Para-chlorophenol C. Para-nitrophenol D. Meta-nitrophenol
13	Cell potential depends upon :	A. Concentration of ions B. Nature of electrolyte C. Temperature D. All of above
14	Which one of following is not monocyclic aromatic hydrocarbon	A. Benzaldehyde B. Benzoic acid C. Benzene sulfonic acid D. Biphenyl
15	Non-formation of menisus by Hg in presence of O ₃ is due to the formation of	A. Mercuric oxide B. Mercurous oxide C. Mercuric chloride D. Mercurous chloride

16	The percentage of carbon in different types of iron products is in the order of	A. Cast iron > wrought iron > steel B. Wrought iron > steel > cast iron C. Cast iron > steel > wrought iron D. Cast iron = steel > wrought iron
17	Which one of the following gases is used for artificial ripening of fruits	A. Ethene B. Ethane C. Methane D. Propane
18	Which are used as essences (flowers)?	A. Aldehydes B. Ketones C. Alcohols D. Esters
19	Which one of the following is not air pollutant gas	A. CO B. CO ₂ C. NO D. SO ₂
20	Formula of acetone is:	A. HCHO B. CH ₃ CHO C. CH ₃ OCH ₃ D. CH ₃ OC ₂ H ₅