

ECAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Which one of the following particles has amass 1/1836 time, that of hydrogen?	A. Neutron. B. Proton. C. Electron. D. Positron.
2	The period table contains elements in vertical column. these vertical column are called	A. Groups B. Periods C. Blocks D. Sub group
3	Swage water is purified by	A. Microorganisms B. Light C. Fishes D. Aquatic plants
4	Which of the following half molar solutions will have lowest freezing point	A. Solution of non-volatile, none electrolyte B. Solution of non volatile, weak electrolyte C. Solution of non volatile strong electrolyte D. Solution of volatile, non electrolyte
5	Coligative properties are the properties of	A. Dilute solution which behave as nearly ideal solutions B. Concentrated solutions which behave as nearly non-ideal solution C. Both (i) and (ii) D. Neither (i) and (iii)
6	A Solution containing 6.8 g of non-ionic solute in 100g of water was found to freeze at - 0.93° C. If $k_{\rm f}$ for water is 1.86 and molecular mars of solute is	A. 13.6 B. 34 C. 68 D. 136
7	For which mechanisms, the first step involved is the same:	A. E ₁ and E ₂ B. E ₂ and SN ₂ C. E ₂ and E ₁ D. E1 and SN ₁
8	Basicity of orthoposphoric acid is	A. 2 B. 3 C. 4 D. 5
9	Alkaline earth metals posses two electrons in their outermost	A. F-orbital B. D-orbital C. S-orbital D. P-orbital
10	Which one of the following is a water soluble vitamin	A. Niacin B. Riboflavin C. Tyrosine D. Ascorbic acid
11	The reagents like KMnO ₄ and HCL cannot be filtered through Gooch crucible if its base is covered with :	A. Butterfly paper. B. Ordinay paper. C. Flying paper. D. Filter paper.
12	The fibre which is made from vinylidine chloride polymer is called	A. Rayon fibre B. Azlon fibre C. Acetate fibre D. Saran fibre
13	Organic compounds resemble to those of inorganic compounds having same	A. lonic properties B. Carbon forming long chain or rings C. Chemical forces D. Isomerism
14	The treatment of benzene with isobutene in the presence of sulphuric acid give	A. isobutyl benzene B. tert-Butyl benzene

	···	C. n- Butyl benzene D. no reaction
15	\mbox{Sp}^3 hybridization occurs when carbon is bound to	A. Four other atoms B. Three other atoms C. Two other atoms D. One other atoms
16	Decreases om concentration of reactant is denoted by	A. dc/dt Bdc/dt C. +dc/dt D. None
17	Question Image	A. Primary alkyl halide B. Secondary alkyl halide C. Tertiary alkyl halide D. None of these
18	The percentage of nitrogen in ammonia is	A. 80% B. 82% C. 90% D. 50%
19	The main source of natural fibre is	A. Animal fibresB. Vegetables fibresC. Mineral fibresD. All of the above
20	The equation for the first ionization energy of hydrogen is	