

## ECAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Hypo is used in photography for	A. Developing picture B. Picture printed C. The colour of picture D. The fixation of picture
2	The less reactivity of transition metal is due to	A. High heats of sublimation     B. High ionization energies     C. Low heats of salvation     D. All these
3	What is the cause of water pollution	A. Chemical and bacterial contents in live stock     B. The spilled oil in rivers and ponds     C. Wide spread use of pesticides     D. All of the above
4	The equilibrium constant in a reversible chemical reaction at a given temperature	A. Depends on the initial concentration of the reactants B. Depends on the concentration of one of the products at equilibrium C. Does not depend on the initial concentration of rectants D. It is characteristic of the reaction
5	Ricket is caused due to the deficiency of vitamin	A. A B. D C. B D. E
6	Which one of the following will have the maximum dipole moment	A. CH <sub>3</sub> F B. CH <sub>3</sub> Cl C. CH <sub>3</sub> Br D. CH <sub>3</sub> I
7	Phosphide ion has the electronic structure similar to that of	A. Nitride ion B. Fluoride ion C. Sodium ion D. Chloride ion
8	Compounds of carbon and hydrogen in which the tetra valency of carbon is fully satisfied are called,	A. Saturated B. Un-saturated C. Magnetic D. Para-magnetic
9	From which of the following tertiary butyl alcohol is obtained by the action of methyl magnesium iodide?	A. HCHO B. CH <sub>3</sub> CHO C. CH <sub>3</sub> COCH <sub>3</sub> D. CO <sub>2</sub>
10	When a colourless gas is passed through bromine water only decolourisation takes place the gas is	A. SO <sub>2</sub> B. HBR C. HCI D. H <sub>2</sub> S
11	Which step is unnecessary for purification of water for drinking purposes	A. Aeration B. Coagulation C. Treatment with chlorine D. Treatment with iodine
12	Maximum freezing point falls in	A. Camphor B. Naphthalene C. Benzene D. Water
13	Sulphuric acid reacts with PCI5to give	A. Thionyl chloride  B. Sulphur monochloride  C. Sulphuryl chloride  D. Sulphur tetrachloride
14	Which of these polymers is an addition polymer?	A. Nylon-6,6 B. Polystrene C. Terylene D. Epoxy resin

15	Which of the following molecules has zero dipole moment?	A. NH <sub>3</sub> B. CHCl <sub>3</sub> C. H <sub>2</sub> O D. BF <sub>3</sub>
16	Detergents are	A. Synthetic products B. Natural products C. Both (a) and (b) D. None of these
17	Question Image	A. Ethanol in the presence of concentrated sulphuric acid     B. Potassium hydroxide     C. Sodium     D. Sodium carbonate
18	When initial concentration of reactants an order of reaction is given, then its half life period can be calculated by the equation	
19	Domestic waste mostly constitutes	A. Non-biodegradable pollution B. Biodegradable pollution C. Effluents D. Air pollution
20	Which of the following is a polar molecules	A. Carbon dioxide B. Carbon tetrachloride C. Methanol D. Ethane