

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Question Image	A. Acidified $\text{AgNO}_3(\text{aq})$ B. Fehling's solution C. Na D. $\text{Na}_2\text{XO}_3(\text{aq})$
2	The correct order of electron affinity among the following is	A. $\text{F} > \text{Cl} > \text{Br}$ B. $\text{Br} > \text{Cl} > \text{F}$ C. $\text{Cl} > \text{F} > \text{Br}$ D. $\text{F} > \text{Br} > \text{Cl}$
3	Which is the correct electronic configuration of Cr - 24	A. $1s^2, 2s^2, 2p^6, 3s^2, 3p^6, 3d^4, 4s^2$ B. $1s^2, 2s^2, 2p^6, 3s^2, 3p^6, 3d^3, 4s^2, 4p^1$ C. $1s^2, 2s^2, 2p^6, 3s^2, 3p^6, 3d^5, 4s^1$ D. $1s^2, 2s^2, 2p^6, 3s^2, 3p^6, 3d^5, 4p^1$
4	Which one of the following statements is not correct	A. A molecule is the smallest particle of an element which can exist independently B. He is a molecule of helium C. S_8 is a molecule of sulphur D. O_3 is a molecule of oxygen
5	Escape of high energy molecules from the surface of a liquid is called	A. Sublimation B. Distillation C. Condensation D. Evaporation
6	Debye forces are present in on of the following pairs:	A. Na^+ ion and water B. Argon and water C. Argon and Na^+ ion D. Ne and water
7	The correct order of reactivity of halogens with alkanes is	A. $\text{I}_2 > \text{Br}_2 > \text{Cl}_2 > \text{F}_2$ B. $\text{I}_2 > \text{Cl}_2 > \text{F}_2 > \text{Br}_2$ C. $\text{F}_2 > \text{Cl}_2 > \text{I}_2 > \text{Br}_2$ D. $\text{F}_2 > \text{Cl}_2 > \text{Br}_2 > \text{I}_2$
8	Hydrogenation of alkenes/alkynes in the presence of Ni as catalyst at 3000°C result in the formation of corresponding alkanes. This reaction is known as	A. Sabatier-senderens reaction B. Kolbe's reaction C. Cannizzaro's reaction D. Haloform reaction
9	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
10	d-block elements are also called :	A. alkali metal B. Alkaline earth metals

		C. Transition elements D. Electron deficient elements
11	Which is a mixture of low boiling hydrocarbon	A. Natural gas B. Petroleum C. Wood D. Graphite
12	Aldehydes which do not have α -hydrogen undergo	A. Aldol combination B. Cannizzaro's reaction C. Substitution D. Elimination
13	The most reactive elements are:	A. Group IV-A B. Group V-A C. Group VI-A D. Group VII -A
14	Transition elements form which type of bond	A. Ionic bonds only B. Covalent bonds only C. Ionic and covalent bonds D. Polar bonds
15	Which one of the following substances is a synthetic polyester	A. Cotton B. Nylon C. Rayon D. Terylene
16	Ammonium carbonate when heated to 200°C gives a mixture of NH_3 and CO_2 vapour with a density of 13.0. What is the degree of dissociation of ammonia carbonate?	A. $\frac{3}{2}$ B. $\frac{1}{2}$ C. 2 D. 1
17	Among the following, poly cyclic compound is	A. styrene B. cumene C. naphthalene D. xylene
18	The force which holds the atoms together to form a compound is called	A. A chemical bond B. Van der waal's force C. Dispersion force D. London force
19	At present cement plants in Pakistan are:	A. Ten B. Twenty Two C. Four D. Twenty Four
20	Bleaching powder may be produced by passing chlorine over	A. Calcium carbonate B. Hydrated calcium sulphate C. Anhydrous calcium sulphate D. Calcium hydroxide