

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	Benzene was discovered by Michael Faraday's in	A. 1824 B. 1825 C. 1826 D. 1827
3	Pro stand for	A. Valine B. Alamine C. Glycine D. Proline
4	The oxidation state of Fe in $[\text{Fe}(\text{CN})_6]^{3-}$ is	A. +2 B. +3 C. +4 D. -3
5	The active mass of 64 g of HI in a two litre flask would be	A. 2 B. 1 C. 5 D. 0.25
6	London dispersion forces are also called	A. Hydrogen bonding B. Debye forces C. Van de Waal's forces D. Instantaneous dipole-induced dipole forces
7	Mustard gas is a :	A. Gas B. Liquid C. Solid D. High boiling point
8	E_2 has molecularity :	A. One B. Two C. Three D. Half
9	The electrolytic cell used for the production of metallic sodium is known as	A. Down's cell B. Solvay's cell C. Haber's cell D. None of these
10	Which is not nitrogenous fertilizers?	A. $(\text{NH}_4)_2\text{HPO}_4$ B. NH_4NO_3 C. Urea D. Calcium phosphate
11	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. $\text{F} > \text{Br} > \text{Cl}$
12	Binary compounds of hydrogens are called:	A. Halides B. Hydrides C. Oxides D. Nitrides
13	When acetic acid and ethanol react together an ester is formed which is called	A. Ethyl ester B. Ethanoic acid C. Ethanoic acid D. Ethyl acetate
14	Cracking done at low pressure and with a catalyst is called _____ cracking	A. Thermal B. Catalytic C. Steam D. None of them
		A. Products is more than that of

15	In endothermic reactions, the heat content of the:	<p>reactants.</p> <p>B. Reactants is more than than to products.</p> <p>C. Both (a) and (b).</p> <p>D. Reactants and products are equal.</p>
16	The deviation of a gas from ideal behavior is maximum at :	<p>A. -10°C and 5.0 atm</p> <p>B. 15.6933°C and 2.0 atm</p> <p>C. 100°C and 2.0 atm</p> <p>D. 0°C and 2.0 atm</p>
17	HF has exceptionally low acidic strength due to:	<p>A. Smaller size of fluorine.</p> <p>B. Stronger polar bond between H and F.</p> <p>C. Electronegativity of fluorine</p> <p>D. Strong hydrogen bonding</p>
18	A macroscopic property of a system which describes the initial and final state of the system is called	<p>A. Physical property</p> <p>B. Chemical property</p> <p>C. Energy property</p> <p>D. State function</p>
19	Rates of organic reactions are	<p>A. Fast</p> <p>B. Very fast</p> <p>C. Slow</p> <p>D. Non-reactive</p>
20	Which gasses are produced from landfills	<p>A. NH_3</p> <p>B. H_2S</p> <p>C. N_2</p> <p>D. All of these</p>