

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Orlon is a polymer of	A. Tetrafluoroethylene B. Acrylonitrile C. Ethanoic acid D. Benzene
2	The nature of positive ray depend on:	A. The nature of electrode. B. The nature of discharge tube. C. The nature of residual gas. D. All of above.
3	Which of the following waste material is not recycled for use again	A. Paper B. Plastic C. Hides of animals D. Glass
4	Which of the following charge	A. Li B. Be C. H D. He
5	Substitution of halogen in the benzene ring requires catalyst	A. AlCl_3 B. FeCl_3 C. SiO_2 D. Organo - nickel
6	An azeotropic mixture of two liquids boils at a lower temperature than either of them when :	A. It is saturated. B. It shows positive deviation from Raoult's law. C. It show negative deviation from Raoult's law. D. It is metastable.
7	Benzene is obtained by fractional distillation of	A. Heavy oil B. Anthracene oil C. Middle oil D. Light oil
8	Solvent extraction method is a particularly useful technique of separation when the product to be separated is:	A. non-volatile or thermally unstable. B. volatile or thermally stable. C. non-volatile or thermally stable. D. volatile or thermally unstable.
9	Which one of the following has highest density	A. Zn B. Os C. Ni D. Cu
10	The cement plants in west Pakistan at the time of creation were:	A. Ten B. Twenty C. Four D. Twenty four
11	Question Image	A. With H_2/Ni $\text{CH}_3(\text{CH}_2)_4\text{CH}_2\text{OH}$ B. With H_2/Ni $\text{CH}_3(\text{CH}_2)_3(\text{CH}_2)_2\text{OH}$ $\text{CH}_3(\text{CH}_2)_3\text{CH}_2\text{OH}$ C. With NaBH_4 $\text{CH}_3(\text{CH}_2)_3(\text{CH}_2)_2\text{OH}$ $\text{CH}_3(\text{CH}_2)_3\text{CH}_2\text{OH}$ D. With NaBH_4 $\text{CH}_3(\text{CH}_2)_3(\text{CH}_2)_2\text{CHO}$ $\text{CH}_3(\text{CH}_2)_3\text{CHO}$
12	According to Mendeleev, the properties of the elements are periodic function of their	A. Atomic number B. Atomic volumes C. Atomic masses D. Atomic densities
		A. Pure acetic acid at 100°C B. Acetic acid mixed with methanol

13	Glacial Acetic acid is	C. Pure acetic acid at 0°C D. Pure acetic acid above 16.6°C
14	A cell constant is generally found by measuring the conductivity of aqueous solution of	A. BaCl ₂ B. KCl C. NaCl D. MgCl ₂
15	Escape of high energy molecules from the surface of a liquid is called	A. Sublimation B. Distillation C. Condensation D. Evaporation
16	Both E ₁ and E ₂ mechanism can be shown by	A. 1° - RX B. 2° - RX C. 3° - RX D. None of these
17	The strongest acid is	A. HF B. HCl C. HBr D. HI
18	Oxidation of ter-alcohol gives:	A. Aldehyde B. Formaldehyde C. Ketone D. Alkynes
19	_____ is used in breathing equipments for mountaineers and in space craft	A. Li ₂ O B. BeO C. N ₂ D. KO ₂
20	If the rate of decay of radioactive isotope decreases from 200 cpm to 25 cpm after 24 hours, what is its half life :	A. 8 hours B. 6 hours C. 4 hours D. 3 hours