

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Simplest aromatic compound is	A. benzene B. toluene C. aniline D. phenol
2	Alkanes or paraffin's are made up of.	A. Carbon, hydrogen and oxygen only B. Carbon, hydrogen and Magnesium only C. Carbon, hydrogen and nitrogen only D. Carbon and hydrogen only
3	The maximum number of electrons in the outermost shell of s-block elements is	A. One B. Two C. Three D. Four
4	IIB elements (Zn, Cd, Hg) and III B elements (Sc, Y and La) are	A. Non typical transition element B. Typical transition element C. Normal elements D. Inner transition element
5	The alkali metals form	A. Ionic bond B. Covalent bond C. Co-ordinate bond D. H-bond
6	When a weak acid is dissolved in water or a weak base dissolved in water, then in both cases the conjugate acid base pair is produced. The ionization constants K_a and K_b of a pair are related with each other as	A. $K_a = K_b$ B. $K_a \cdot K_b = K_w$ C. $K_a < K_b$ D. $K_b < K_a$
7	In the hydrolysis of $\text{CH}_3\text{COOC}_2\text{H}_5$ the acid produced is	A. Inhibitor B. Catalyst C. Auto catalyst D. None of above
8	The order of reactivity of halogen acids towards alkenes	A. $\text{HCl} > \text{HBr} > \text{HI}$ B. $\text{HBr} > \text{HCl} > \text{HI}$ C. $\text{HCl} > \text{HBr}$ D. $\text{HI} > \text{HBr} > \text{HCl}$
9	Similarity in properties of different organic compounds give rise to the understanding of _____	A. Polymerization B. Non-polar nature C. Homologous series D. Isomerism
10	The filtration process is used to separate solid from	A. Liquid B. Gas C. Solid D. All of above
11	The trade name of polytetrafluoroethylene (PTFE) is	A. Teflon B. PVC C. Terelene D. Polyester
12	Ring test is given by ions.	A. Nitrides B. Nitrates C. Cyanates D. Nitriles
13	The classification of elements, Newland gave the idea of	A. Octaves B. Triads C. Atomic volume D. Atomic mass
14	White P when boiled with strong solution of caustic soda produces	A. Phosphine B. Phosphoric acid C. Phosphorous acid D. None

A. CH_4

15	The percentage of H is the highest in	<p>B. NH_3</p> <p>C. H_2SO_4</p> <p>D. $\text{C}_6\text{H}_{12}\text{O}_6$</p>
16	Which technique is used to determine the absorption of radiations?	<p>A. Dilatometer method</p> <p>B. Optical rotation method</p> <p>C. Spectrometry</p> <p>D. Refractometric method</p>
17	Which is the strongest acid?	<p>A. HClO</p> <p>B. HClO_2</p> <p>C. HClO_3</p> <p>D. HClO_4</p>
18	Phenols are derivative of:	<p>A. Alkanes</p> <p>B. Alkenes</p> <p>C. Alkynes</p> <p>D. Benzene</p>
19	Calculate the amount of charge flowing in 2 minute in a wire of resistance 10Ω when a potential difference of 20 V is applied	<p>A. 120 C</p> <p>B. 240 C</p> <p>C. 20 C</p> <p>D. 4 C</p>
20	The formula of lime stone is	<p>A. CaCl_2</p> <p>B. MgCO_3</p> <p>C. Na_2CO_3</p> <p>D. CaCO_3</p>