

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following was discovered first:	A. Charge to mass ratio of electrons. B. Mass of electrons. C. Charge of electrons. D. All of above at same time.
2	The amount of Si in the lithosphere is about	A. 27.72% B. 30.35% C. 35.30% D. 40.21%
3	Which of the element is not alkali metal	A. Lithium B. Rubidium C. Francium D. Magnesium
4	An electron has principal quantum number 3. The number of its 1 subshell and 2 orbitals would be respectively	A. 3 and 5 B. 3 and 7 C. 3 and 9 D. 2 and 5
5	Ethyl alcohol on oxidation with $K_2Cr_2O_7$ gives	A. Acetic acid B. Acetaldehyde C. Formaldehyde D. Formic acid
6	Which catalyst is used in contact process?	A. Fe^{2+}/O^{3-} B. V^{2+}/O^{5-} C. SO^{3-} D. Ag^{2+}/O
7	At present cement plants in Pakistan are	A. ten B. twenty two C. four D. twenty four
8	Reaction of ethylamine with chloroform in alcoholic KOH produces	A. CH_3CH_2OH B. CH_3CH_2NC C. $C_2H_5CH_2NC$ D. $C_2H_5CH_2CN$
9	In Lucas test primary alcohol make as oily layer	A. Immediately B. In 10 mins C. On heating D. Not
10	When electron jumps from $n_2 = 2, 3, 4, 5, \dots$ orbit to $n_1 = 1$ orbit in the hydrogen atom, the radiations emitted give the spectral lines	A. Lyman series B. Balmer series C. Paschen series D. Brackett series
11	When a colourless gas is passed through bromine water only decolourisation takes place the gas is	A. SO_2 B. HBr C. HCl D. H_2S
12	Dow's process is used for the preparation of	A. Ester B. Ethers C. Alcohols D. Phenols
13	Which of the following charge	A. Li B. Be C. H D. He
14	The fiber which is made from acrylonitrile as monomer:	A. PVC B. Rayon Fiber C. Acrylic fiber D. Polyester fiber
15	If an endothermic reaction is allowed to take place very rapidly in air, the temperature of the surrounding air	A. Remains constant B. Decreases C. Increases D. Fluctuates rapidly

16	The radius of second Bohr's orbit is	A. 0.053 nm B. $0.053/4$ nm C. 0.053×4 nm D. 0.053×20 nm
17	Which one of the following compounds does not have the empirical formula CH_2O ?	A. Ethanoic acid, $\text{CH}_3\text{CO}_2\text{H}$ B. Ethanol, $\text{CH}_3\text{CH}_2\text{OH}$ C. Glucose, $\text{C}_6\text{H}_{12}\text{O}_6$ D. Methanal, HCHO
18	Strong oxidizing agents have	A. Greater positive value of standard reduction potential B. Lesser positive value of standard C. Greater negative value of standard D. None of these
19	Alkyl halides are considered to be very reactive compounds towards nucleophiles, because:	A. They have an electrophilic carbon B. They have an electrophilic carbon and good leaving group C. They have an electrophilic carbon and bad leaving group D. They have a nucleophilic carbon and good leaving group
20	Which of the following is present in the stings of bees and wasps	A. Formic acid B. Citric acid C. Carboic acid D. Formalin