

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which enzyme is not involved in fermentation of strach	A. Diastase B. Zymase C. Urease D. Invertase
2	Group I-A elements react with water faster than the reaction of group II-A elements because	A. I_A elements are more soft than II_A B. I_A elements are non-metals C. I_A elements have 1 electron in their outermost s-orbital and are strongly electropositive D. I_A elements make ionic bond
3	Cotton is _____% cellulose	A. 90 B. 100 C. 99 D. 30
4	The filtration process is used to separate solid from :	A. Liquid. B. Gas. C. Solid. D. All of above.
5	A six membered ring containing one double bond called	A. Cyclohexene B. Cyclohexane C. Cyclohexadiene D. None
6	Polymer formation from monomers starts by	A. Condensation reaction between monomers B. Coordination reaction between monomers C. Conversion of monomer to monomer ions by protons D. Hydrolysis of monomers
7	The reagent which forms crystalline osazone derivative when treated with glucose is	A. Fehling solution B. Phenyl hydrazine C. Benedict solution D. Hydroxyl amine
8	Ozone hole refers to	A. Hole in ozone layers B. Reduction in thickness of ozone layer in stratosphere C. Reduction of thickness of ozone in troposphere D. Increase concentration of ozone
9	In a group of periodic table, atomic radii is:	A. Remains same. B. Increases. C. First decreases then increases. D. Decreases.
10	Pick out the wrong statement. In electrochemical cell	A. Electrons are released at anode B. Cathode is regarded as negative electrode C. Chemical energy is converted into electrical energy D. Salt bridge maintains the electrical neutrality of the solution
11	Acetamide is prepared by	A. Heating ammonium acetate B. Heating methyl cyanide C. Heating ethyl acetate D. The hydrolysis of methyl cyanide
12	Ketones are prepared by the oxidation of:	A. Primary alcohol B. Secondary alcohol C. Tertiary alcohol D. None of these
13	Calcium acetate when dry distilled gives	A. Formaldehyde B. Acetaldehyde C. Acetic acid D. Acetic anhydride

		C. Acetone D. Acetic anhydride
14	In an electrolytic cell, the electrons flow from :	A. Cathode to anode or opposite B. Cathode to anode C. Anode to cathode D. Random flow
15	The radius of second Bohr's orbit is	A. 0.053 nm B. 0.053/4 nm C. 0.053 x 4 nm D. 0.053 x 20 nm
16	The value of activation energy E_a of a reaction can be determined from the value of slope of the straight line obtained by plotting a graph between $1/T$ and $\log k$. the value of E_a is equal to	A. Slope B. $1/\text{Slope}$ C. Slope x R D. Slope x 2.303 R
17	The standard enthalpy change in the formation of 1 mole of a compound from its elements in their standard physical states is	A. Enthalpy of formation B. Enthalpy of atomization C. Enthalpy of neutralization D. Internal energy change
18	Second most element in the universe is	A. He B. Ne C. Ar D. Kr
19	n-butane and iso butane are an example of	A. Chain isomerism B. Positional isomerism C. Meta merism D. Functional group isomerism
20	All alkali metals react with acetylene to form acetylides except	A. Li B. Na C. K D. Rb