

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Fossil fuels consist of :	A. Coal B. Natural gas C. Petroleum D. All of these
2	Grignard's reagent on treatment with carbonyl compounds yield	A. Pheonol B. Alcohol C. Alkane D. None of these
3	The Mn^{3+} has _____ color	A. Violet B. Green C. Red/brown D. No color
4	An azeotropic mixture showing it's positive deviation from Raoult's law, the volume of the mixture is :	A. Slightly more than the total volume of the components. B. Slightly less than the total volume of the components. C. Equal to the total volume of the components. D. None of these.
5	General formula of alkyl halide is:	A. R----X B. R----OH C. R-----COH D. R-----COOH
6		A. 32 B. 64 C. 16 D. 4
7	Which element forms an iron with charge 3+?	A. Beryllium B. Aluminium C. Carbon D. Silicon
8	Which of the following species participate in sulphonation of benzene ring?	A. H_2SO_4 B. HSO_4 C. SO_3 D. SO_2
9	The proteins which are derived by conjugated proteins are called as	A. Simple protein B. Complex protein C. Derived protein D. None
10	Which of the following salts mixed with ice to make the freezing mixture used in ice cream machine	A. KNO_3 B. NH_4NO_3 C. $AgNO_3$ D. $Mg(NO_3)_2$
11	Ammonium nitrate fertilizer is not used for which crop?	A. Cotton B. Wheat C. Sugar-cane D. Paddy rice
12	Matals usually conduct electricity because	A. There are mobile electrons in the metallic structure B. Metals are decomposed by current C. Metals have high resistance D. In metals the ions are free to move
13	During nitration of benzene, the active nitrating agent is:	A. NO_3^{+} B. NO_2^{+} C. NO_2^{+} D. HNO_3
14	The net heat in a chemical reaction is same, whether it is brought about in two or more different ways in one or several steps. It is known as	A. Henry's law B. Joule's principle C. Hess's law D. law of conservation of energy

15	Minamata disease is due to pollution of	<p>A. Organic waste into drinking water</p> <p>B. Oil spill in water</p> <p>C. Industrial waste containing mercury into fishing water</p> <p>D. Arsenic into the atmosphere</p>
16	A limiting reactant is one which according to the stoichiometric equation	<p>A. Has excess mass</p> <p>B. Has least mass</p> <p>C. Has excess number of moles</p> <p>D. Has least number of moles</p>
17	Which is not the enzyme involved in the preparation of ethyl alcohol by fermentation of starch	<p>A. Diastase</p> <p>B. Maltase</p> <p>C. Zymase</p> <p>D. Invertase</p>
18	Question Image <input type="text"/>	<p>A. 300 cm^3</p> <p>B. 200 cm^3</p> <p>C. 150 cm^3</p> <p>D. 100 cm^3</p>
19	Question Image <input type="text"/>	<p>A. Ethanol in the presence of concentrated sulphuric acid</p> <p>B. Potassium hydroxide</p> <p>C. Sodium</p> <p>D. Sodium carbonate</p>
20	In passage of electricity through aqueous solution of AgNO_3 silver dissolves at anode to form Ag^+ , the electrodes are	<p>A. Silver metal</p> <p>B. Pt metal</p> <p>C. Graphite</p> <p>D. Copper metal</p>