

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Grignard's reagent on treatment with dry CO ₂ and HCl yields	A. Ester B. Alcohol
	Signard of Sugerit on tredutions with dry Sozulla Fior yields	C. Carboxylic acid D. Aldehyde A. sp ³
2	The state of hybridization of carbon atom in methane is:	B. sp ² C. sp D. dsp ²
3	Hydrolysis of alkyl nitriles gives:	A. alkane B. alkyl halide C. alkyl nitride D. carboxylic acids
4	When a metal is dipped in 1 molar of its solution at 298 K. then potential set up is called	A. Standard electrode potential B. Electric charge C. Ionization potential D. Electroplating
5	Hybridized in oxygen is:	A. sp B. sp ² C. sp ³ D. dsp ³
6	Ethanol can be converted into ethanoic acid by	A. Hydrogenation B. Hydration C. Oxidation D. Fermentation
7	Alcohals can be distinguished using test:	A. Lucas B. Tollen's C. Koib's D. William's
8	Th IUPAC name of the compound having formula (CH3) 3 C - CH = CH2 is	A. 1, 1-Dimethyl-3-butene B. 1,1,1-Trimethyl-3-propene C. 3,3,-Dimenthyl-1-butene D. 3,3,3,-Trimethyl-1-propene
9	The oxidation number of Ni in [Ni(CO) ₄] is	A. +1 B. 0 C. +4 D4
10	The decrease in radius in large for:	A. Monovalent ions.B. Trivalent ions.C. Divalent ions.D. Atoms.
11	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
12	Which of the following is a thermosetting plastic	A. PVC B. Polyethylene C. Polystyrene D. Melamines
13	The Zwitter ion is also called	A. International salt B. Internal salt C. No salt D. None of these
14	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.
15	Question Image	A. Hear of reaction B. Heat of formation C. Heat of neutralization D. Heat of combustion

16	Which is the formula of tetra-ammine chloronitro platinum (VI) sulphate?	A. [Pt(NH ₃) ₄ (NO ₂)]SO ₄ B. [PtNO ₂ Cl(NH ₃ ₄ C. [PtCl(NO ₂) (NH _{) C. [PtCl(NO₂) (NH₃) (Sub>4}) (NH\sub>3) (Sub>4) D. [Pt(NH\sub>3)(Sub>4 (NO ₂)(Sub>4)
17	Which of the following is obtained by condensation polymerization?	A. PolyetheneB. TeflonC. Phenol formaldehyde resinD. Nitrile rubber
18	The example of a photo chemical reaction is photosynthesis has order of reaction :	A. 1 B. 2 C. 0 D. 3
19	Colour of fluorine gas is	A. Pale yellow B. Greenish yellow C. Red brown D. greyish black
20	The fractions obtained from fractional distillation of petroleum are placed in increasing order of their boiling points. Which order is correct	A. Natural gas, petroleum ether, gasoline kerosene B. Petroleum ether, kerosene, natural gas, petroleum ether C. Gasoline, kerosene, natural gas, petroleum ether D. Kerosene, gasoline, petroleum ether, natural gas