

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The amount of electricity that can deposit 108 g of silver from silver nitrate solution is	A. 1 ampere B. 1 coulomb C. 1 faraday D. 2 ampere
2	The movement of solvent molecules through a semipermeable membrane is called	A. Electrolysis B. Electrophoresis C. Osmosis D. Cataphoresis
3	Replacement of hydrogen by NO ₂ group is called	A. Sulphonatioin B. Hydration C. Nitration D. Cracking
4	β-β- dichloroethyle sulphide is commonly known as:	A. Mustared gas B. Laughing gas C. Phosgene gas D. Bio gas
5	Which one of the following mixture shows positive deviation form Rault's law and forms an azetrope with minimum boiling point	A. Methanol + CCl ₄ B. Methanol + acetone C. Ether + HCl D. Acetone + chloroform
6	I ₂ O ₅ is used for quantitative study of	A. CO ₂ B. NO ₂ C. NO D. CO
7	A homogeneous mixture of two or more than two chemical substances is called	A. Solute B. Solution C. Solvent D. Salvation
8	Formalin is an aqueous solution of	A. Furfural B. Fluorescein C. Formaldehyde D. Formic acid
9	The most stable phosphorus allotrope is	A. White B. Red C. Black D. All
10	The total values of magnetic quantum number of subshell are five, the subshell is	A. S-subshell B. P-subshell C. D-subshell D. F-subshell
11	The hybirdization in benzene is:	A. sp ³ B. sp ² C. sp ² D. dsp ²
12	Aldol condensation is actually	A. Electrophilic addition of carbonation B. Electrophilic addition of carbonium ion C. Nucleophilic addition of carbonation D. Nuclephilic addition of carbonium ion
13	When acetic acid and ethanol react together an ester is formed which is called	A. Ethyl ester B. Ethanoic acid C. Ethanoic acid D. Ethyl acetate
14	Who one mole of each of the following is completely burned in oxygen, which gives the largest mass of carbon dioxide?	A. Carbon monoxide B. Diamond C. Ethane D. Methane
15	Ozone laver of stratosphere requires protection from indiscriminate use of	A. Fungicides, insecticides, bactericides and medicines B. Aerosols and high flying jets

15	ozone layer of stratosphere requires protection from indiscriminate use of:	C. Atomic explosions and industrial wastes D. Balloons and turbo-prop aeroplanes
16	Which of the following compounds gives red precipitate with AgNO_3 ?	A. KI B. K_2CrO_4 C. NaBr D. NaNO_3
17	Question Image	A. Temperature is increased B. Pressure is increased C. HCl is added D. HCl is removed
18	The alkyl halide molecule on which a nucleophile attacks is called	A. Substrate B. Substituent C. Substituted D. All of these
19	At sea level and at 100°C the vapor pressure of water in an open system is:	A. 1000 mm Hg B. 760 mm Hg C. 730 mm Hg D. 670 mm Hg
20	The total number of d-block transition element is	A. 10 B. 14 C. 40 D. 30