

ECAT Chemistry Online Test

Qr.	Questions	Anguage Chaica
Sr	Questions	Answers Choice
1	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.
2	An artificial smell of banana is produced in many articles y using esters which of the following is that	A. Amyl acetate B. Isoamyl valerate C. Octyl acetate D. Methyl butyrate
3	During electrolysis, electrons are :	A. Lost by anions and gained by cations B. Gained by anions and lost by cations C. Gained only D. Lost only
4	A phtotographic plate is coated with an emulsion of silver nitrate and	A. AgCI B. AgI C. AgBr D. NaNO ₃
5	In a primary alkyl halide, the halogen atom is attached to a carbon which is further attached to	A. Only one carbon atom B. Two carbon atoms C. Three carbon atoms D. one or no carbon atom
6	In which one of the following compound rings are not fused together at ortho positions	A. Phenanthrene B. Naphthalene C. Diphenyemethane D. Anthracene
7	De halogenatiion of tetrahalides happens in the presence of active metal like	A. Zn B. Mg C. Both a and b D. None of them
8	Formaldehyde is used to make	A. Plastics B. Medicine C. Antiseptic D. All of these
9	When two hydrogen atoms approach to form a chemical bond	A. The repulsive forces dominate the attractive forces B. The attractive forces, dominate the repulsive forces C. The energy of atoms increases D. The two atoms start ionization
10	Which reaction sequence would be best to prepare 3-chloro-aniline from benzene?	A. Chlorination, nitration, reducing B. Nitration, chlorination, reducition C. Nitration, reduction, chlorination D. Nitration, reduction, acylation, chlorination, hydrolysis
11	The carbon of a carbonyl group is:	A. sp hybridized B. sp ² hybridized C. sp ³ Hybidized D. None of these
12	The percentage of H is the highest in	A. CH ₄ B. NH ₃ C. H ₂ SO ₄ D. C ₆ H ₁₂ O ₆
13	Which of the following is not charged particle	A. Proton B. Electron C. Neutron D. Hydrogen nucleus
14	Calculate the amount of charge flowing in 2 minute in a wire of resistance 10 Ω when a potential difference of 20 V is applied	A. 120 C B. 240 C C. 20 C

		D. 4 C
15	Formation of PVC form vinyl chloride is an example of	A. Substitution reaction B. Addition polymerization C. Condensational reaction D. Aldol condensation
16	Molecules of High molecular weight usually greater than 10,000 are called:	A. Macro molecules B. Mega molecules C. Poly molecules D. Gega molecules
17	In the atmosphere, CO ₂ is about	A. 0.01% B. 0.03% C. 0.05% D. 0.09%
18	Bell metal is an alloy of Sn and	A. Copper B. Iron C. Zinc D. Magnesium
19	Which statement about molecule is incorrect?	A. Molecules of a substance are similar B. Hemoglobin is a homo atomic molecules C. Oxygen molecule is a macro molecule D. It exist independently
20	The addition of HCN to carbonyl compounds is an example of	A. Nucleopihlic substituion B. Electrophilic addition C. Nueleophilic addition D. Electrophilic substitution