

ECAT Chemistry Online Test

Sr	Questions	Answers Choice
1	The C-C bond angles in benzene ring are	A. 119 ° B. 120 ° C. 121 ° D. None
2	To differentiate isomers we use	A. n- B. iso- C. neo D. All of them
3	Rectified spirit contains alcohol about	A. 80% B. 85% C. 90% D. 95%
4	Which is used as an antifreeze?	A. Glycol B. Ethyl alcohol C. Water D. Methanol
5	Alcohol fermentation is brought about by the action of	A. CO ₂ B. O ₂ C. Invertase D. Yeast
6	The theory of chemical bonding has been a major problem of:	A. Modern Physics. B. Modern Chemistry. C. Modern Biology. D. Mechanics.
7	Steel may be manufacture by two processes which two are correct	A. Open hearth process and besemer process B. Open hearth process and Haber process C. Bassemer process and Haber process D. Contact process and Haber process
8	Which is possible in ethers?	A. Reactivity high B. Oxidation and reduction C. Reactivity towards bases D. Towards acids
9	Lactic acid on oxidation by alkaline potassium permanganate gives	A. Tartaric acid B. Pyruvic acid C. Cinnamic acid D. Propionic acid
10	In endothermic reaction, the heat content of the	A. Products is more than that of reactants B. Reactants is more than that of products C. Both a and b D. None of the above
11	How does the ionization energy of 1st group elements vary?	A. Increases down the group B. Decreases down the group C. Remains unchanged D. Variation is not regular
12	Splitting of spectral lines when atoms are subjected to strong electric field is called:	A. Zeeman effect.B. Stark effectC. Photoelectric effect.D. Compton effect.
13	The method in which alkanes prepared by alkyle halides in the presence of palladium - charcoal is	A. Hydrolysis B. Electrolysis C. Hydrogenation

		D. Hydrogenolysis
14	Which one of the following is not an example of chain growth polymer?	A. Neoprene B. Bunna-S C. PMMA D. Glyptal
15	Question Image	A. High temperature B. Low temperature C. Low pressure D. High pressure
16	Which shows maximum catenation property?	A. S B. Se C. Te D. O
17	Diversity of organic compounds in millions is:	A. Four B. Five C. Six D. Seven
18	When 0.1 g of magnesium is treated with an excess of hydrochloric acid, what volume of gas at room temperature and pressure will be produced	A. 10 cm ³ B. 25 cm ³ C. 48 cm ³ D. 100 cm ³
19	Azimuthal quantum number of last electron of ₁₁ Na is	A. 1 B. 2 C. 3 D. 0
20	Ozone in most of the tropical regions acts as a pollutant and causes	A. Damages to eyes B. Aggravates asthma C. Chest discomfort D. All of these