

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The number of groups in the periodic table is	A. 6 B. 7 C. 8 D. 9
2	If carbon dioxide is bubbled through solution of Grignard's reagent in ether and the resultant product is reacted with hydrochloric acid, it gives	A. An alkane B. Al alcohol C. A carboxylic acid D. An aldehyde
3	What mass of NaOH is required to prepare 2.5 dm ³ of 1.5 M NaOH solution	A. 130 g B. 140 g C. 150 g D. 160 g
4	Which one of the following properties is not correct for ozone?	A. It oxidizes lead sulphides B. It oxidizes potassium iodide C. It oxidizes mercury D. It cannot act as a bleaching agent
5	Rare earth elements are	A. s-block elements B. p-block elements C. d-block elements D. f-block elements
6	The fibre which is made from vinylidine chloride polymer is called	A. Rayon fibre B. Azlon fibre C. Acetate fibre D. Saran fibre
7	The deviation of a gas from ideal behavior is maximum at :	A10 °C and 5.0 atm B10 °C and 2.0 atm C. 100 °C and 2.0 atm D. 0 °C and 2.0 atm
8	Chief ore of aluminium is:	A. Na ₃ AIF ₆ B. Al ₂ O ₃ .2H ₂ O C. Al ₂ O ₃ D. Al ₂ O ₃ H ₂ O
9	The Total coal resources of Pakistan are estimated to be	A. 184 billion B. 184 million tones C. 1.84 billion tounes D. 1.84 million tonnes
10	Quantum number values for 2p orbitals are	A. n = 2, I = 1 B. n = 1, I = 2 C. n = 1, I = 0 D. n = 2, I = 0
11	Question Image	
12	In passage of electricity through aqueous solution of AgNO3silver dissolves at anode to form Ag+, the electrodes are	A. Silver metal B. Pt metal C. Graphite D. Copper metal
		A. Temperature is extremely high

13	Boyle's law does not fall even	B. Pressure is extremely high C. Mixture of gases is taken D. all of above
14	The rate of diffusion of a gas in	A. Inversely proportional to its density B. Inversely proportional to square root of its molecular mass C. Directly proportional to molecular mass D. Directly proportional to its density
15	gives peroxide	A. Li B. Ba C. Sr D. Be
16	Which one of the following step is not involved in determination of empirical formula	A. Determination % of each element B. Determination of gram atom of each element C. Determination of isotopes of each element D. Determination of atomic ratio of element
17	Hydrogenation of bezoyl chloride in presence of Pd on BaSO ₄ gives	A. Benzyl alcohol B. Benzaldehyde C. Benzoic acid D. Phenol
18	The electrolytic cell used for the production of metallic sodium is known as	A. Down's cell B. Solvary's cell C. Haber's cell D. None of these
19	SN ₂ reaction has order of reaction :	A. First B. Second C. Third D. Zero
20	Which is used for the reduction of aldehydes and ketones	A. NaBH ₄ B. Pt/Pd C. Ni D. All of these