

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	What will be the molarity of solution if 103 g $(\text{NH}_4)_2\text{SO}_4$ is dissolved per 600 cm^3 of water	A. 2.32 M B. 3.32 M C. 4.32 M D. 1.30 M
2	Which compound is the most reactive one?	A. benzene B. ethene C. ethane D. ethyne
3	S-block elements consist of	A. Alkali metals B. Alkaline earth metals C. Alkali and alkaline earth metals D. None of these
4	The divisibility of atom was shown by	A. Stoney B. J.J. Thomson C. Millikan D. Rutherford
5	Question Image	A. Treatment with HCN followed by acid hydrolysis B. Oxidation of acetaldehyde followed by basic hydrolysis C. Treatment with HCN followed by reduction D. Treatment with HCN followed by oxidation
6	Bohr model of atom is contradicted by:	A. Planck's quantum theory B. Pauli's exclusion theory C. Heisenberg's uncertainty principle. D. All of above.
7	When aqueous solution of NaOH is electrolysed using graphite electrodes, the product obtained at anode is	A. O_2 gas B. H_2 gas C. Na metal D. Na_2O
8	Which noble gas is used in mixture used for breathing by divers?	A. Cl_2 B. NH_3 C. CO_2 D. He
9	Nitrogen is present in atmosphere	A. 21% B. 36% C. 89% D. 78%
10	The presence of a double bond in a compound in the sign of:	A. Saturation B. Unsaturation C. Substitution D. None
11	A limiting reactant is one which according to the stoichiometric equation	A. Has excess mass B. Has least mass C. Has excess number of moles D. Has least number of moles
12	Which of the following sulphates has the highest solubility in water	A. BaSO_4 B. CaSO_4 C. MgSO_4 D. BeSO_4
13	Question Image	A. Shift reaction toward forward direction B. Shift reaction backward C. Lower the value of K_c D. No change in reaction
14	The formula of esters is	
15	Sodium metal is obtained by the electrolysis of fused NaCl in cell is called	A. Nelson's cell B. Down's cell

15	Sodium metal is obtained by the electrolysis of fused NaCl in cells called :	C. Daniell cell D. Voltaic cell
16	Solutions containing relatively lower concentrations of solute are called :	A. Concentrated solutions. B. Lighter solutions. C. Dilute solutions. D. None of above.
17	Wohler succeeded in obtaining, urea from	A. Cyanogen B. Ammonium cyanate C. Ammonium hydroxide D. None of these
18	pH of the human blood which is essentially maintained constant due to carbonates, bicarbonates, phosphates etc., is	A. 7.00 B. 7.25 C. 7.35 D. 7.47
19	Coordination number of Pt in $[\text{PtCl}(\text{NO}_2)(\text{NH}_3)_4]^{2+}$ is	A. 2- B. 4 C. 1 D. 6
20	Which nitrogen fertilizer is favoured in tropical regions because of its-hygroscopic nature	A. Ammonium sulphate B. Ammonium nitrate C. Ammonium chloride D. Ammonium phosphate