


ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Nitrogen is present in atmosphere by weight:	A. 75% B. 76% C. 77% D. 78%
2	The substance which contains the water of crystallization is called	A. Hydrated B. Solvated C. Crystal D. None
3	A standard hydrogen electrode is used as standard electrode of which electrode potential is arbitrarily taken as	A. +1 B. -1 C. 0.1 D. Zero
4	The number of bonds in nitrogen molecule is	
5	Question Image 	A. 0 B. 1 C. 2 D. 3
6	All the following decompose easily on heating to give oxygen except	A. Lead nitrate B. Potassium chlorate C. Mercuric oxide D. Manganese dioxide
7	Time required to deposit one millimole of aluminium metal by the passage of 9.65 amperes through molten electrolyte containing aluminium ion is	A. 30 s B. 10 s C. 30,000 s D. 10,000 s
8	The temp. and pressure used for PVC polymerization is	A. 10°C and 10 atm B. 20°C and 20 atm C. 52°C and 9 atm D. 100°C and 10 atm
9	Which isomer of C ₅ H ₁₁ OH gives, one dehydration, the greastest number of different alkenes	
10	In CH ₄ , all the H-C-H bond angles are	A. 120° B. 107° C. 109° D. 109.5°
11	Tripple bond is present in	A. O ₂ B. H ₂ C. N ₂ D. Cl ₂
12	Ozone hole is maximum over	A. Europe B. Antarctica C. Asia D. Africa
13	Which one of the following is the weakest intermolecular force	A. Dipole induced dipole forces B. Ionic dipole forces C. Electrostatics forces between ions D. Dipole-dipole forces
14	An electrochemical cell is based upon	A. Acid-base reaction B. Redox reaction C. Nuclear reaction D. None of the above
15	Two solutions of NaCl and KCl are prepared separately by dissolving 0.1 M of the solute in water. Which of the following statements is not true for these solution	A. KCl solution will have higher boiling point than NaCl solution B. Both the solutions have same boiling C. KCl and NaCl solution possess same vapour pressure D. KCl solution possess same freezing point at NaCl solution
		A. Soda ash

16	NaHCO_3 is commonly called	B. Baking soda C. Washing soda D. None of these
17	Which element has 4 unpaired electrons in 3d-orbital	A. Chromium - 24 B. Manganese - 25 C. Iron - 26 D. Cobalt - 27
18	Lead acid batteries discharge with time because of.	A. Deposition of PbSO_4 , at anode B. Deposition of PbSO_4 at cathode C. Both A and B D. Acid neutralizes with time
19	Debye forces are present in one of the following pairs	A. Na^+ ion and water B. Argon and water C. Argon and Na^+ ion D. Ne and Water
20	The hybridization in benzene is:	A. sp^3 B. sp^2 C. sp^2 D. dsp^2