

ECAT Chemistry Online Test

C _r	Ougstions	Anguara Chaine
Sr	Questions	Answers Choice
1	Which of the following sulphates is not soluble in water	A. Sodium sulphate B. Potassium sulphate C. Zinc sulphate D. Barium sulphate
2	Standard reduction electrode potential of three metals A, B and C are erespectively + 0.05 V, -3.0 and -1.2V. The reducting power of	A. B > C > A B. A > B > C C. C > B > A D. A > C > B
3	The order of reactivity of halogen acids for reaction with C ₂ H ₅ OH is	A. HCl > HBr > HI B. Hl > HBr > HCl C. HBr > HI > HCl D. HBr > HCl > HI
4	With the reference of w/m ratio of anode rays, the e/m ratio of cathode rays s:	A. Greater. B. same. C. Smaller. D. Not fixed.
5	Which one of the following reacts immediately with conc. HCl in the presence of \mbox{ZnCl}_2	A. Primary alcohol B. Secondary alcohol C. Tertiary alcohol D. Ether
6	Sterols, vitamin D and terpenese belong to	A. Simple lipids B. Complex lipids C. Derived lipids D. None
7	The driving force for making a bond is	A. To attain noble gas electronic configuration B. To make soled compounds C. To make different compounds D. To make gaseous substances
8	Which of the following is commonly called polyamide	A. Nylon B. Rayon C. Terylene D. Oridon
9	The net heat change in chemical reaction is same whether it is brought in two or more different ways in one or several steps. it is known as	A. Henry's law B. Joule's principle C. Hess's law D. Law of conservation of energy
10	Minamata disease is due to pollution of	A. Organic waste into drinking water B. Oil spill in water C. Industrial waste containing mercury into fishing water D. Arsenic into the atmosphere
11	In zero order reaction, the rate is independent of :	A. Temperature of reaction B. Concentration of reactants C. Concentration of products D. None of these.
12	Hydrolytic reaction of fats by causic soda is known as	A. Acetylation B. Carboxylation C. Esterification D. Saponification
13	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
14	How many isomeric disubtituted products are obtained by the introducing of second group in the ring	A. Two B. Three C. Four D. None
15	The weight of pure NaOH required to prepare 250 cm ³ of 0.1 N solution is	A. 4 g B. 1 g C. 2 g

		D. 5 g
16	Formula of acetone is:	A. HCHO B. CH ₃ CHO C. CH ₃ OCH ₃ D. CH ₃ H ₅
17	The most commonly and widely used nitrogen fertilizer in Pakistan is	A. Urea B. Ammonium nitrate C. Ammonium sulphate D. Ammonium chloride
18	Chief ore of aluminium is:	A. Na ₃ AlF ₆ B. Al ₂ O ₃ .2H ₂ O C. Al ₂ O ₃ D. Al ₂ O ₃ .H ₂ O
19	The bond angle depends upon the	A. Types of bonds B. Number of bonds C. Non-bonding electron pairs D. All of the above
20	The ore CaSO ₄ 2H ₂ O has the general name	A. Gypsum B. Dolomite C. Calcite D. Epsom salt