

ECAT Chemistry Online Test

Cr.	Quanting	Anguero Choice
Sr	Questions	Answers Choice
1	E ₁ mechanism is generally shown by	A. 1° - RX B. 2° - RX C. 3° - RX D. None of these
2	Zn + HCl are used in	A. Clemenson reduction B. Wof kishner reduction C. Kolb's electrolysis D. Wutruz reaction
3	1.1 mol of A is mixed with 2.2 mol of B and the mixture is kept in on litre flask till the equilibrium is reached. At equilibrium, 0.2 mol of C is formed. If the equilibrium reaction is A+2B 2C+D, the value of equilibrium constant is	A. 0.002 B. 0.004 C. 0.001 D. 0.003
4	Aldehydes is distinguished from ketones by using	A. Tollen's reagent B. Benedict reagent C. Fehling solution D. All of the above
5	In lead accumulator the electrolyte is ${ m H}_2{ m SO}_4{ m solution}$ is	A. 30% H ₂ SO ₄ B. 60% H ₂ SO ₄ C. 80% H ₂ SO ₄ D. 90% H ₂ SO ₄
6	Molar mass of high molecular w.f. polymers ranges from:	A. 1000 to 10000 B. 10000 to 100000 C. 100000 to 1000000 D. 1000 to 100000000
7	Type of isomerism in BrCH=CHBr is:	A. Structural isomerism B. Slockquote style="margin: 0 0 0 0 40px; border: none; padding: 0px,">Conformational isomerism C. Geometrical isomerism D. Positional isomerism
8	The substances which soften the polymer are called	A. Stabilizers B. Plasticizers C. Retarders D. Pigments
		A76 KJ
9	Question Image	B57 KJ C171 KJ D114 KJ
10	Biodegradable pollutant is	A. Plastic B. Asbestos C. Sewage D. Mercury
11	A solution of glucose is 10% The volume to which 1g mole of it dissolved will be :	A. 8.1 dm ³ class="MsoNormal"><0:p><0:p> B. 1.7 dm ³ class="MsoNormal"><0:p> C. 1.8 dm ³ class="MsoNormal"><0:p> C. 1.8 dm ³ class="MsoNormal"><0:p> D. 6.1 dm ³ cp class="MsoNormal"><0:p>
12	Methanol is prepared from CO and H_{2} using catalyst:	A. ZnO B. Cr ₂ O ₃ C. Pt D. Ni
13	Which of the following phenomena will occur when two atoms of the elements having same	A. Orbital overlap will not occur B. Bonding will not occur

	spin of electron approach for bonding?	C. Both (A) and (B) are correct D. None of the above are correct
14	A ring contains 3 gram diamond. The number of C-atoms which a ring contains is	A. 3.01 x 10 ²³ B. 1.5 x 10 ²³ C. 6.02 x 10 ²⁴ D. 3.01 x 10 ²⁴
15	The filtration process is used to separate solid from:	A. Liquid B. Gas C. Solid D. All of above
16	Which of the following sets of atomic numbers belong to that of the alkali metals?	A. 1,12,30,4,62 B. 37,19,3,55 C. 9,17,35,53 D. 12,20,56,88
17	A carboxylic acid containing Ar group in it is called:	A. Aromatic carboxylic acid B. Allphatic carboxylic acid C. Dicarboxylic acid D. Carboxylic acid
18	The valency, ionization energy and electrongativity of elements are related to its	A. Atomic number B. Properties C. Atomic weight D. Family group
19	Which of the following has highest oxidation potential	A. Be B. Li C. Na D. Ca
20	The substance which increases rate of reaction but remains unchanged at the end of reaction is called :	A. Catalyst. B. Indicator. C. Promoter. D. Activator.