

## ECAT Chemistry MCQ's Test For Full Book

Qr.	Questions	Answers Choice
Sr	Questions	
1	In the electronic configuration of Cr one electron from 4s sub-shell is transfered to 3d sub-shell because	A. The 3rd orbital is of lower energy than 4s B. The 4s orbital is of equal energy to 3d orbital C. The half filled d-subshell is more stable than incomplete d-sub shell D. 6 unpaired electrons make Cr more paramagnetic
2	Rates of organic reactions are	A. Fast B. Very fast C. Slow D. Non-reactive
3	The metal present in blood is	A. Al B. Hg C. Cu D. Fe
4	Sintered glass is porous material used for:	A. Absorption B. Decoration C. Filtration D. All of above
5	Reaction of ethylamine with chloroform in alcoholic KOH produces	A. CH <sub>3</sub> OH B. CH <sub>3</sub> NC C. C <sub>2</sub> H <sub>5</sub> NC D. C <sub>2</sub> H <sub>5</sub> CN
6	Poly hydroxyl compounds of aldehyde ketones are:	A. Carbohydrates B. Protiens C. Fats D. Lipids
7	General formula of alcohol is:	A. ROH B. Ar-OH C. R-O-R D. Ph-OH
8	During oxidation in k <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> , Cr VI changes to :	A. I B. II C. III D. IV
9	UV radiations bring about	A. Skin cancer B. Mouth cancer C. Lung cancer D. Liver cancer
10	HCOOH reacts with conc. H <sub>2</sub> SO <sub>4</sub> to produce	A. CO B. CO <sub>2</sub> C. NO D. NO <sub>2</sub>
11	An azeotropic mixture of two liquids boils at a lower temperature than either of them when :	A. It is saturated. B. It shows positive deviation from Raoult's law. C. It show negative deviation from Raoult's law. D. It is metastable.
12	Na <sub>2</sub> O is	A. Acidic B. Basic C. Neutral D. Amphoteric
13	In Lucas test teriary alcohol make an oily layer	A. Immediately B. In 10 mins C. On heating D. Not
14	Propyne on hydrolysis in presence of H <sub>2</sub> SO <sub>4</sub> and HgSO <sub>4</sub> gives	A. Acetaldehyde B. Acetone C. Formaldehyde

		D. None
15	Which of the following pair of atomic numbers represents s-block elements?	A. 7, 15 B. 6, 12 C. 9, 17 D. 3, 20
16	Ether show the phenomenon of :	<ul><li>A. Position isomerism</li><li>B. Functional group isomerism</li><li>C. Metamerism</li><li>D. Cis-trans isomerism</li></ul>
17	The distillation of coal at high temperature and in absence of air is called	<ul><li>A. Vacuum distillation</li><li>B. Normal distillation</li><li>C. Fractional distillation</li><li>D. Destructive distillation</li></ul>
18	Reduction or oxidation potential of standard hydrogen electrode is :	A. 0.0 Volt B. 0.8Volt C. 1.0Volt D. 1.8Volt
19	The compound with cyclic hexamer is	A. HF B. HCI C. HBr D. HI
20	Which structure shows a primary alcohol	