

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The substance added in the paints for improving the mechanical properties is called	A. Pigment B. Filter C. Stabilizer D. Binder
2	Shielding effect intervening electrons causes	A. Decreases in atomic radii in a period from right to left B. Increase in atomic radii in a period from left to righ t C. Decrease in atomic radii down the group D. Increase in atomic radii down the group
3	Which of the following statement is correct.	A. Formaldehyde is used in silvering of mirror B. Propanol and propanone behave similarly in Tollen's seagent C. Acetone on reduction gives primary alcohols D. Ketones gives brick red color with Fehling's solution
4	Ozonolysis of benzene gives:	<ul><li>A. Nitration</li><li>B. sulphonation</li><li>C. ozonide</li><li>D. glyoxal</li></ul>
5	Titanium is used as a catalyst in	<ul><li>A. Hydrogenation</li><li>B. Dehydrogenation</li><li>C. Polymerization of P.E.</li><li>D. Oxidation of ammonia</li></ul>
6	The hybirdization in benzene is:	A. sp <sup>3</sup> B. sp <sup>2</sup> C. sp <sup>2</sup> D. dsp <sup>2</sup>
7	Which on of the following compounds does not exist?	A. NCI <sub>5</sub> B. AsF <sub>5</sub> C. SbCI <sub>5</sub> D. PF <sub>5</sub>
8	Chromium (VI) is highly toxic and can cause	A. Blindness B. Cancer C. Liver problems D. Blood problems
9	Metallic conduction is also called as :	<ul><li>A. Ionic conduction.</li><li>B. Protonic conduction.</li><li>C. Electronic conduction</li><li>D. Super conduction</li></ul>
10	The energy units in which heat changes usually expressed in SI-system are	A. Joule B. Calorie C. Kilo Joule D. Both a and c
11	The density of water decreases, when it is freezed at 0°C because of	A. Change of bond lengths B. Change of bond angles C. Cubic structure of ice D. Empty spaces present in the structure of Ice
12	Alkanes are non-polar or weakly polar compounds that are insoluble in.	A. Polar solvent B. Uni-polar solvent C. Non-polar solvent D. None of these
13	Cu <sup>2+</sup> with d <sup>9</sup> electronic configuration appears	A. Yellow B. Pink C. Blue D. Green
		A. Allergy

14	Which of the following is a molecular diseases?	B. Cancer C. German measles D. Sickle cell anemia
15	London dispersion forces are also called:	A. Hydrogen bonding.     B. Debye forces     C. Van der Waal's forces     D. Instantaneous dipole-induced dipole forces.
16	Ground and surface waters are contaminated and become polluted due to the human activity. Which human activity will bot cause water pollution	A. Live stock waste     B. Agricultural pesticides     C. Oil breaks and spills     D. All of the above
17	The reaction-method that does not give an alkane is	A. Catalytic hydrogenation of alkanes     B. Wurtz reaction     C. Hydrolysis of alkyl magnesium     bromide     D. Dehydrohalogenation of an alkyl halide
18	Carboxylic acids generally exists in cyclic	A. Monomers B. Dimers C. Trimers D. Tetrameter
19	Which of the following molecules has zero dipole moment>	A. H <sub>2</sub> O B. CHCl <sub>3</sub> C. BF <sub>3</sub> D. NH <sub>3</sub>
20	$\Delta$ H for an endothermic reaction carries	A. Positive sign B. Negative sign C. Both sign D. None of these