

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Reduction of alkyl halides give	A. Alkanes B. Alkenes C. Ketones D. Ether
2	Question Image	A. Small change in concentration of product B. Small time internal C. Co-efficient of the reactant D. Co-efficient of the product
3	Which of the following compound is obtained on passing ethanol vapours on heated $Al_2O_3$ ?	A. Ethylether B. Acetone C. Ethane D. Ethanol
4	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 right C. Decrease in atomic radii down the group D. Increase in atomic radii down the group
5	Question Image	
6	During electrolysis of $KNO_3$ , $H_2$ is evolved	A. Anode B. Cathode C. Both a and b D. None
7	Which of the following acid can be used as a catalyst in Friedel craft's reaction	A. $AlCl_3$ B. $HNO_3$ C. $BeCl_2$ D. NaCl
8	AgCl is soluble in	A. Aqua regia B. $H_2SO_4$ C. HCl D. $NH_3$
9	Which is liquid among the following alkenes?	A. Ethane B. Propene C. Butene D. Pentene
10	Question Image	A. Zn B. H C. S D. O
11	The fourteen elements following actinium are known as	A. Lanthanones B. Lanthanides C. Rare earths D. Actinides
12	Among the following, poly cyclic compound is:	A. styrene B. cumene C. naphthalene D. xylene
13	X-ray work has shown that the diameters of atom are of the order of	A. $8 \times 10^{-10} m$ B. $2 \times 10^{-10} m$ C. $8 \times 10^{-8} m$ D. $2 \times 10^{-8} m$
14	Which of the following species has the maximum number of unpaired electrons?	A. $O^{2-}$ B. $O^{2-}$ C. $O^{2-}$ D. $O^{2-}$
15	$K_b$ for $NH_4OH$ is $1.81 \times 10^{-5}$ , then $K_a$ value of its conjugate base is	A. $1.81 \times 10^{+5}$ B. $1.81 \times 10^{-9}$ C. $5.5 \times 10^{-9}$

D.  $5.5 \times 10^{-10}$

16 The melting point is lowest for

- A. Be
- B. Mg
- C. Ca
- D. Sr

17 Which is true about the electronegativity order of the following?

- A. P > Si
- B. C > N
- C. Br > Cl
- D. Sr > Ca

18 Which of the following has the maximum number of unpaired d-electrons?

- A. Zn
- B.  $\text{Fe}^{2+}$
- C.  $\text{Ni}^{3+}$
- D.  $\text{Cu}^{+}$

19 Simple sugars are :

- A. Monosaccharides
- B. Disaccharides
- C. Oligo saccharides
- D. Trisaccharides

20 When fused  $\text{PbBr}_2$  is electrolyzed

- A. Bromine appears at the cathode
- B. Lead is deposited at the cathode
- C. Lead appears at the anode
- D. None of these happens