

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Cell in which an electric current drives a non-spontaneous reaction is called	A. Electrolytic cell B. Voltaic cell C. Biological cell D. Electrochemical cell
2	In Antarctica ozone depletion is due to the formation of following compound	A. Acrolein B. Peroxy acetyl nitrate C. SO <sub>2</sub> and SO <sub>3</sub> D. Chlorine nitrate
3	Wholer prepared urea from	A. Ammonia B. NH <sub>4</sub> CNO C. NH <sub>3</sub> D. Uric acid
4	Identify the heterocyclic compound	A. Toluene B. Pyridine C. Butanoic acid D. Propenol
5	Silver oxide battery has a voltage of	A. 2.0 V B. 1.5 V C. 2.5 V D. 1.0 V
6	Among the following polymers, the strongest molecular forces are present in	A. Elastomers B. Fibres C. Thermoplastics D. Thermosetting polymers
7	The number of neutrons in the element <sup>9</sup> Be is	A. 4 B. 5 C. 9 D. 13
8	Matter is defined as any thing which occupies space and:	A. Molecules B. Mass C. Compound D. Molecules
9	Fluted filter paper is used to:	A. Decrease rate of filtration B. Increase rate of filtration C. Maintain rate of filtration D. None of above
10	The total number of d-block transition element is	A. 10 B. 14 C. 40 D. 30
11	Alkyl halides are considered to be very reactive compounds towards nucleophiles because	A. They have an electrophilic carbon B. They have an electrophilic carbon and a good leaving group C. They have an electrophilic carbon and a bad leaving group D. They have a nucleophilic carbon and a good leaving group
12	If ketone reacts with Grignard's reagent, it also produces alcohol, But it will be a	A. primary alcohol B. Secondary alcohol C. Tertiary alcohol D. Aromatic alcohol
13	The catalytic promoter used for the industrial preparation of acetaldehyde is	A. PdCl <sub>2</sub> B. CuCl <sub>2</sub> C. Pd + CaCl <sub>2</sub> D. None of these
14	When alcohol reacts with concentrated H <sub>2</sub> SO <sub>4</sub> intermediate compound formed as	A. carbonium ion B. alkoxy ion C. alkyl hydrogen sulphate D. non of these

15	The four quantum numbers of the valency electron of potassium are	<p>A. 4, 1, 1, 1/2  <b>B. 4, 0, 0, 1/2</b>  C. 4, 1, 0, 1/2  D. 4, 4, 0, 1/2</p>
16	Question Image	<p>A. The heat released is enthalpy of neutralization  B. The heat released is enthalpy of atomization  C. The heat released is enthalpy of sublimation  <b>D. The heat released is enthalpy of formation</b></p>
17	How much pesticides have been synthesized at present?	<p>A. Four thousands  B. Six thousands  C. Eight Thousands  <b>D. Ten thousands</b></p>
18	Which of the following react with NaOH to produce an acid and an alcohol?	<p><b>A. NCHO</b>  B. <math>\text{CH}_3\text{COOH}</math>  C. <math>\text{CH}_3\text{CH}_2\text{COOH}</math>  D. <math>\text{C}_6\text{H}_5\text{COOH}</math></p>
19	On adding sodium nitroprusside ketones give	<p>A. Red  <b>B. Wine red</b>  C. White  D. Orange</p>
20	The open chain compounds are also called	<p><b>A. Aliphatic</b>  B. Alicyclic  C. Aromatic  D. Both a and b</p>