

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	At present oil refineries in Pakistan are:	A. One B. Two C. Three D. Four
2	The most distinctive character among the elements is their division into	A. Metals and non-metals B. Solids, liquids and gases C. Atoms and molecules D. Active and inactive elements
3	The C-C bond angles in benzene ring are	A. 119° B. 120° C. 121° D. None
4	The electronic configuration of an atom/ion can be defined by the following	A. Aufbau principle B. Pauli's exclusion principle C. Hund's Rule D. All the above
5	Liquids are less common than :	A. Solids B. Plasmas C. Gases D. All of above
6	The sample being analyzed is called	A. Electrolyte B. Substance C. Analyte D. All of above
7	Which causes water pollution?	A. Smoke/fly ash B. Automobile exhausts C. Aeroplnes D. 2,4-D and pesticides
8	Chile saltpetre has the chemical formulæ	A. NaNO_3 B. KNO_3 C. $\text{Na}_2\text{B}_4\text{O}_7$ D. $\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$
9	The wave length of visible light is 500 nm. In S.I. unit this value is	A. $5 \times 10^{-8}\text{m}$ B. $5 \times 10^{-9}\text{m}$ C. $500 \times 10^{-7}\text{m}$ D. $500 \times 10^{-9}\text{m}$
10	Physical properties of alkanes increase with increase of all physical constants except	A. Boiling points B. Melting points C. Density D. Solubility
11		A. There is no change in temperature B. No change in volume C. Heat is absorbed D. Heat is released
12	Butanenitrile is formed by reaction of KCN with	A. Propyl alcohol B. Butyl chloride C. Butyl alcohol D. Propyl Chloride
13	The noble gas have	A. Very low ionization energies B. High boiling points C. No electron pair interaction D. No van Der Waal's forces
14	The nitrogen present in some fertilizers helps plants to:	A. Fight against diseases B. Produce fat C. Undergo photosynthesis D. Produce protein

15	The compounds or species in search of electrons are called	<p>A. Electrophiles B. Nucleophile C. Nitrites D. Bases</p>
16		<p>A. Forward reaction is favoured B. Backward reaction is favoured C. No effect D. None of the above</p>
17	Volcanoes produce SO ₂ :	<p>A. 47% B. 57% C. 67% D. 77%</p>
18	Chloroform and acetone are soluble in each other due to:	<p>A. Instantaneous dipole interactions. B. Dipole-dipole interactions. C. Inter molecular hydrogen bonding. D. All of above</p>
19	Solvent extraction is an unstable, Process and it is called by:	<p>A. The amount of solute B. Distribution law C. The amount of solvent used D. Law of mass action</p>
20	Ionic Solids are characterized by	<p>A. Low melting points B. Good conductivity in solid state C. High vapour pressure D. Solubility in polar solvents</p>