

## Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Concept of Triads was given by	A. <p>Mendeleev</p> B. <p>L. Meyer</p> C. <p>Dobereiner</p> D. <p>Newlands</p>
2	How many d orbitals are there in a given energy level.	A. <p>1</p> B. <p>5</p> C. <p>3</p> D. <p>7</p>
3	What intermediate is formed during the electrophilic addition of HBr to an alkene.	A. Carbonation B. Carbanion C. Radical D. Epoxide
4	Which one is a non polar molecule.	A. <p>CS2</p> B. <p>CaC2</p> C. <p>H2S</p> D. <p>CaCl2</p>
5	Collision frequency depends on	A. Pressure B. Concentration C. Temperature D. All of these
6	Square root of the frequency of X-rays is.....atomic number	A. <p>Directly proportional to</p> B. <p>Inversely Proportional to</p> C. <p>Equal to</p> D. <p>Half of</p>
7	The intermediate formed during electrophilic addition	A. Free radical B. Carbocation C. Carbene D. Carbanion
8	Dipole moment is the product of.	A. <p>Charge x displacement</p> B. <p>Charge x distance</p> C. <p>Newton x displacement</p> D. <p>Charge x mass</p>
9	The space orientation for f-subshell is.	A. <p>3</p> B. <p>7</p> C. <p>1</p> D. <p>5</p>
10	Which is NOT a feature of dynamic equilibrium.	A. Closed system B. Constant Temperature C. Unequal reaction rates D. No net change
11	Monomer of polystyrene is.	A. Styrene B. Ethene C. Benzene D. Toluene
12	Which of the following affects bond energy.	A. Bond length B. Bond length C. Atomic size D. All of these
13	The term "lattice energy" is applicable to	A. Ionic compounds B. Covalent compounds C. Gases D. Metals
14	Which of the following has a branched chain structure.	A. n - butane B. 2- methylpropane C. Ethane D. Propene
15	Subshells in an atom are filled with electrons in an increasing order of their energy values called.	A. <p>aufbau principle</p> B. <p>Hund's rule</p> C. <p>Pauli's Exclusion Principle</p>

D. <p>None</p>

16 Noble gases are present in 18 group also called

- A. <p>I A</p>
- B. <p>II B</p>
- C. <p>VIII A</p>
- D. <p>VIII B</p>

17 The number of moles of CO<sub>2</sub> whci contain 8 g of oxygen.

- A. <p>0.25</p>
- B. <p>0.5</p>
- C. <p>1.0</p>
- D. <p>1.50</p>

18 On a Boltzmann distribution curve, the activation energy is represented by

- A. The height of the peak
- B. The area under the entire curve
- C. A vertical line drawn at a specific kinetic energy value
- D. The difference between the peak and the X axis

19 The cathode in an electrolytic cell is.

- A. Positive electrode
- B. Negative electrode
- C. Neutral elecrode
- D. None

20 A reaction mechanism describes

- A. Experimental conditions
- B. Overall stoichiometry
- C. Stepwise molecular events
- D. Heat of reaction