

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

Sr	Questions	Answers Choice
1	The termination step in a radical chain reaction involves.	A. Chain breaking B. Light absorption C. Chain initiation D. Hydrogen abstraction
2	Catalyst affects	A. Value of K B. Equilibrium position C. Activation energy D. Final concentrations
3	Which of the following is the conjugate base of water.	A. OH <sup>-</sup> B. OH <sup>+</sup> C. H <sub>2</sub> O D. H <sub>2</sub> O <sup>+</sup>
4	specific heat capacity is amount of heat needed to raise temp of	A. 1 mole B. 1 gram C. 1 kg D. 100 grams
5	A flat curve in rate vs time graph indicate.	A. Reaction completed B. High rate C. Constant rate D. Temperature increase
6	The total number of oxygen atom is 22 g of CO <sub>2</sub> gas is	A. $6.02 \times 10^{23}$ molecules B. $12.4 \times 10^{23}$ C. $12.04 \times 10^{23}$ D. $2.0 \times 10^{23}$
7	The salt bridge allows transfer of .....in Zn -Cu voltaic cell	A. SO <sub>4</sub> ions B. Zn <sup>2+</sup> ions C. Both D. None of these
8	The anode is electrolysis of molten NaCl is	A. Na <sup>+</sup> B. Cl <sup>-</sup> C. Na D. H <sup>-</sup>
9	What is the unit of cell potential.	A. ampere B. Volt C. Ohm D. Farad
10	What is the correct IUPAC name of CH <sub>3</sub> CH=CH <sub>2</sub> ?	A. Propene B. Propane C. Ethene D. Butene
11	Which one of the following is not an example of reversible reaction.	A. Formation of ammonia B. Formation of water C. Decomposition of PCl <sub>5</sub> D. Decomposition of NO <sub>2</sub>
12	Which of the following is an addition polymer.	A. Nylon B. Bakelite C. Polyethylene D. Terylene
13	Subshells in an atom are filled with electrons in an increasing order of their energy values called.	A. Aufbau principle B. Hund's rule C. Pauli's Exclusion Principle D. None
14	Octet rule is not obeyed by which of the following compounds during its formation	A. H <sub>2</sub> O B. NaCl C. NH <sub>3</sub> D. PF <sub>5</sub>

15	Liquid crystals exhibit properties of	<p>A. Only solid</p> <p>B. Only liquid</p> <p>C. Both solids and liquids</p> <p>D. Gases and solids</p>
16	The $K_a$ of a weak acid is $10^{-5}$ its $pK_a$ is	<p>A. 2</p> <p>B. 3</p> <p>C. 5</p> <p>D. 10</p>
17	The enthalpy of sublimation involves.	<p>A. Solid to gas</p> <p>B. Solid to liquid</p> <p>C. Liquid gas</p> <p>D. Gas to liquid</p>
18	Which of the following is an aromatic hydrocarbon	<p>A. Ethene</p> <p>B. Benzene</p> <p>C. Methane</p> <p>D. Cyclohexane</p>
19	One mole of $SO_2$ contains.	<p>A. <math>6.02 \times 10^{23}</math> atoms of oxygen</p> <p>B. <math>6.022 \times 10^{23}</math> atoms of sulphur</p> <p>C. 4 g atoms of <math>SO_2</math></p> <p>D. <math>18.1 \times 10^{23}</math> moles of <math>SO_2</math></p>
20	How does the presence of a catalyst affect the rate of a chemical reaction	<p>A. It always decreases the rate of the reaction</p> <p>B. It always increases the rate of the reaction</p> <p>C. It increases the rate of the forward and decreases the rate of the reverse reaction</p> <p>D. It increases the rate of both the forward and reverse reactions</p>