

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following statements is true about diffusion in liquids?	<p>A. Liquids do not diffuse at all</p> <p>B. Liquids diffuse faster than gases</p> <p>C. Liquids diffuse slower than gases due to longer intermolecular forces</p> <p>D. Liquids diffuse only when heated</p>
2	Catalyst usually act in	<p>A. Initiation step</p> <p>B. Rate determining step</p> <p>C. Fast step</p> <p>D. Intermediate formation</p>
3	According to Avogadro's Law, volume is directly proportional to.	<p>A. Pressure</p> <p>B. Temperature</p> <p>C. Number of moles</p> <p>D. Density</p>
4	Which component maintains electrical neutrality in an electrochemical cell	<p>A. Salt bridge</p> <p>B. Voltmeter</p> <p>C. Electrolyte</p> <p>D. Electrodes</p>
5	The more positive the standard reduction potential	<p>A. The stronger the reducing agent</p> <p>B. The weaker the oxidizing agent</p> <p>C. The stronger the oxidizing agent</p> <p>D. No effect</p>
6	Which of the following contains same number of particles as present in 12 g of carbon	<p>A. 28 g of iron (Atomic mass of Fe = 56)</p> <p>B. 48 g of magnesium (Atomic mass of Mg = 24)</p> <p>C. 32 g of S Molecules (Atomic mass S = 32)</p> <p>D. 44 g of carbon dioxide (molar mass of CO₂ = 44)</p>
7	Unit of K _c depend on	<p>A. Change in concentration</p> <p>B. Change in number of moles of gas</p> <p>C. Change in pressure</p> <p>D. Change in Entropy</p>
8	Octet rule is not obeyed by which of the following compounds during its formation	<p>A. H₂O</p> <p>B. NaCl</p> <p>C. NH₃</p> <p>D. PF₅</p>
9	Which class of hydrocarbons contains one or more double bonds.	<p>A. Alkanes</p> <p>B. Aromatics</p> <p>C. Cycloalkanes</p> <p>D. Alkenes</p>
10	A 0.01 M solution of a strong acid has a pH of	<p>A. 3</p> <p>B. 2</p> <p>C. 5</p> <p>D. 4</p>
11	Noble gases are present in 18 group also called	<p>A. I A</p> <p>B. II B</p> <p>C. VIII A</p> <p>D. VIII B</p>
12	The termination step in a radical chain reaction involves.	<p>A. Chain breaking</p> <p>B. Light absorption</p> <p>C. Chain initiation</p> <p>D. Hydrogen abstraction</p>
13	d-block elements are also called.	<p>A. Inner transition</p> <p>B. Outer transition</p> <p>C. Typical transition</p> <p>D. None</p>
14	Select basic oxide.	<p>A. MgO</p> <p>B. CO₂</p>

		<p>C. SiO_2</p> <p>D. Al_2O_3</p>
15	Which of the following atoms show anomalous configuration.	<p>A. Cu</p> <p>B. CO</p> <p>C. Fe</p> <p>D. Ni</p>
16	The mass of molecules of CO	<p>A. 0.5 moles</p> <p>B. 2.0 moles</p> <p>C. 1.0 moles</p> <p>D. 1.06 moles</p>
17	Which one of the following element has the highest ionization energy.	<p>A. Argon</p> <p>B. Sodium</p> <p>C. Aluminium</p> <p>D. Magnesium</p>
18	Which of the following statements about ideal gases is true.	<p>A. they have strong intermolecular forces</p> <p>B. Their particles have significant volume</p> <p>C. Their volume is mainly due to particle size</p> <p>D. They have negligible intermolecular forces</p>
19	Which of the following has a branched chain structure.	<p>A. n - butane</p> <p>B. 2-methylpropane</p> <p>C. Ethane</p> <p>D. Propene</p>
20	Chlorination of propane gives how many types of monochlorinated products.	<p>A. 1</p> <p>B. 2</p> <p>C. 4</p> <p>D. 3</p>