

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. <p>Liquids do not diffuse at all</p></p> <p>B. <p>Liquids diffuse faster than gases</p></p> <p>C. <p>Liquids diffuse slower than gases due to stronger intermolecular forces</p></p> <p>D. <p>Liquids diffuse only when heated</p></p>
2	Catalyst usually act in	<p>A. Initial 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. <p>Pressure</p></p> <p>B. <p>Temperature</p></p> <p>C. <p>Number of moles</p></p> <p>D. <p>Density</p></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. <p>28 fcc iron</p> (Atomic mass of Fe = 56)</p> <p>B. <p>48 g of magnesium (Atomic mass of Mg = 24)</p></p> <p>C. <p>32 g of S Molecules (Atomic mass S = 32)</p></p> <p>D. <p>44 g of carbon dioxide (molar mass of CO₂ = 44)</p></p>
7	Unit of K _c depends 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. <p>H₂O</p></p> <p>B. <p>NaCl</p></p> <p>C. <p>NH₃</p></p> <p>D. <p>PF₅</p></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. <p>I A</p></p> <p>B. <p>II B</p></p> <p>C. <p>VIII A</p></p> <p>D. <p>VIII B</p></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. <p>Inner transition</p></p> <p>B. <p>Outer transition</p></p> <p>C. <p>Typical transition</p></p> <p>D. <p>None</p></p>
14	Select basic oxide.	<p>A. <p>MgO</p></p> <p>B. <p>CO₂</p></p>

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