

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The number of coulombs required to deposit 1 mole of Ag	A. 96500 C B. 193000 C C. 1 C D. 241250 C
2	Two electrons in the same orbital have.	A. <p>Same Spin</p> B. <p>Difference spin</p> C. <p>May same or different</p> D. <p>Parallel spin</p>
3	Which of the following is essential for hydrogen bond formation.	A. <p>Hydrogen bonded to a metal</p> B. <p>Hydrogen bonded to high electronegative atoms F, O, or N</p> C. <p>Hydrogen bonded to non polar atom</p> D. <p>Present of pi bond</p>
4	Collision frequency depends on	A. Pressure B. Concentration C. Temperature D. All of these
5	Which of the following pair form a buffer solution .	A. HCl and NaCl B. CH ₃ COONa and CH ₃ COOH C. NaOH and HCl D. NH ₃ and Na ₂ SO ₄
6	Which one is a monoprotic acid	A. H ₃ PO ₄ B. H ₂ SO ₄ C. HCl D. H ₂ CO ₃
7	The change in internal energy is zero is.	A. Isothermal process B. Adiabatic process C. Exothermic process D. Endothermic process
8	Alkanes react with halogens via.	A. Electrophilic substitution B. Free radical substitution C. Nucleophilic addition D. Electrophilic addition
9	In a reversible reaction.	A. Products do not reform reactants B. Rate of forward reaction is always higher C. Both forward and reverse reactions occur D. Products are in excess
10	The pH of a buffer doesn't change much when	A. Diluted with water B. Acid or base is added C. Heated D. Temp changes
11	According to law of mass action rate of reaction is proportional to.	A. Temperature B. Pressure C. Product of active masses D. Atomic mass
12	Increasing the temperature of a chemical reaction increases the rate of a reaction because.	A. Both the collision frequency and collision energies of reactant molecules increase B. Collision frequency of reactant molecule increases C. Activation energy increase D. Activation energy decrease
13	Who consider as the father of the periodic table	A. <p>Moseley</p> B. <p>Mendeleev</p> C. <p>Newland</p> D. <p>Dobereiner</p>
14	In Solids the particles mainly have which type of motion	A. <p>Translatory motion</p> B. <p>Vibratory motion</p>

15 Select which is not alkaline earth metal
A. <p>Ba</p>
B. <p>Be</p>
C. <p>Sr</p>
D. <p>CO</p>

16 In a galvanic cell, the anode is
A. Negative and site of oxidation
B. Postive and site of oxidation
C. Negative and site of reduction
D. Postive and site of reduction

17 The reducing agent in a redox reaction
A. Gains electrons
B. Loss electrons
C. Accepts protons
D. Donates protons

18 Unit of k for second order reaction is
A. mol dm-3
B. s-1
C. mol-1 dm3 s-1
D. mol -2 dm⁶ s-1

19 Which of the following is a diprotic acid
A. HNO3
B. H2SO4
C. HCl
D. CH3COOH

20 The number of moles of CO2 which contain 8 g of oxygen.
A. <p>0.25
B. <p>0.5</p>
C. <p>1.0</p>
D. <p>1.50</p>