

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which element has $E_0 = 0.00$ V?	A. H^+ B. H_2 C. SHE D. All of the above
2	Which type of intermolecular force is present in all types of molecules regardless of their polarity.	A. Dipole -dipole forces B. London dispersion forces C. Hydrogen bonds D. Ion dipole forces
3	A Daniell cell produces electricity through	A. Electrolysis B. Radioactivity C. Spontaneous redox reaction D. Endothermic reaction
4	According to law of mass action rate of reaction is proportional to.	A. Temperature B. Pressure C. Product of active masses D. Atomic mass
5	In a titration, the equivalence point is when	A. No acid left B. $pH = 7$ C. Moles of acid = moles of base D. Buffer forms
6	The mass of one mole of electron is	A. 1.088 mg B. 0.55 mg C. 0.184 mg D. 1.67 mg
7	What type of reaction has a negative ΔH and ΔS ?	A. Always spontaneous B. Never spontaneous C. Spontaneous at low temp D. Spontaneous at high temp
8	What is the number of moles of oxygen in 11 g of CO_2	A. 0.25 B. 0.50 C. 0.75 D. 1.0
9	Which of the following halogens has the highest boiling point.	A. I_2 B. Cl_2 C. F_2 D. Br_2
10	Why is the compression of solids not possible	A. The particles are fixed in place and cannot move closer B. Their particles are widely spaced C. The particles are charged D. Solids are made of gases
11	The suppression of ionization of a weak electrolyte by adding common ion is	A. Le-Chatelier's effect B. Common ion effect C. Auf Bau effect D. Hund's rule
12	Acidic chlorides have pH?	A. More than 7 B. Less than 7 C. Equal to 7 D. May be any
13	Which one is the correct statement among the following	A. Anionic radius is generally smaller than atomic radius B. Cationic radius is generally bigger than atomic radius C. Cationic radius is generally smaller than atomic radius D. Both anionic and cationic radii are smaller than atomic radius
	Which of the following contains same number of particles as present in 10 g of	A. 28 g of iron (Atomic mass of Fe = 56) B. 48 g of magnesium (Atomic mass of Mg = 24)

14	which of the following contains same number of particles as present in 12 g of carbon	<p>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>
15	Which theory explain the paramagnetic behavior exhibited by O ₂ molecule.	<p>A. Band Theory</p> <p>B. VBT</p> <p>C. MOT</p> <p>D. VSEPR Theory</p>
16	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>
17	amorphous solids are typically	<p>A. Rigid and hard</p> <p>B. Found in lump or fine powder form</p> <p>C. Have a sharp melting point</p> <p>D. Always crystalline in structure</p>
18	What cause the polarity in a molecule like CHCl ₃	<p>A. Equal sharing of electrons</p> <p>B. Non Polar Bond</p> <p>C. Uneven distribution of electrons creating positive and negative centers</p> <p>D. Absence of hydrogen atoms</p>
19	Earthenware pots keep water cool because.	<p>A. They are made of clay</p> <p>B. They reflect sunlight</p> <p>C. They absorb water</p> <p>D. They allow water to evaporate through pores</p>
20	Rate of reaction is measured as.	<p>A. Increase Temperature</p> <p>B. Change in concentration per unit time</p> <p>C. Total energy of reactants</p> <p>D. Change in volume per mole</p>