

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

Sr	Questions	Answers Choice
1	Which component maintains electrical neutrality in an electrochemical cell	A. Salt bridge B. Voltmeter C. Electrolyte D. Electrodes
2	Dipole moment is the product of.	A. $\text{Charge} \times \text{displacement}$ B. $\text{Charge} \times \text{distance}$ C. $\text{Newton} \times \text{displacement}$ D. $\text{Charge} \times \text{mass}$
3	How many moles of water are produced by burning 4 moles of $\text{H}_2$ with excess of oxygen.	A. 1 mole B. 2 moles C. 3 moles D. 4 moles
4	Rate of fastest	A. At start B. In middle C. At end D. After completion
5	Which of the following metals would most readily displace hydrogen gas from dilute acids.	A. Copper B. Silver C. Magnesium D. Platinum
6	$Q < K$ implies.	A. Reaction proceeds forward B. equilibrium is established C. System stops D. Reaction shifts in reverse
7	Law of mass action applies to	A. Closed systems only B. Open systems C. Irreversible systems D. Combustion reactions
8	Which one of the following has maximum mass.	A. 0.5 mol of $\text{N}_2$ B. 0.5 Mol of $\text{NH}_3$ C. 0.5 mol of He D. 0.5 mol of $\text{H}_2$
9	Which of the following has minimum mass	A. $3 \times 10^{23}$ atom of C B. 1 mole of S C. 79 gram of Ag D. 2 gram atom of N
10	Which of the following is an addition polymer.	A. Nylon B. Bakelite C. Polyethylene D. Terylene
11	A salt from strong acid+weak base gives.	A. Neutral solution B. Acidic solution C. Precipitate D. Basic solution
12	Volume of S.T.P of 22g of $\text{O}_2$ is same as that of	A. 2 g of hydrogen B. 8.5 g of $\text{NH}_3$ C. 64 g of gaseous $\text{SO}_2$ D. 7 g of $\text{CO}_2$
13	If $E_{\text{cell}}$ is +1.10 V, the reaction is	A. Spontaneous B. Non spontaneous C. At equilibrium D. Endothermic only
14	Which set of the following conditions results in higher ionization energy.	A. Smaller atom and greater nuclear charge B. Smaller atom and smaller nuclear charge C. Larger atom and greater nuclear charge D. Large atom and the smaller nuclear charge

15	Removing a reactant shifts equilibrium to	<p>A. Left</p> <p>B. Right</p> <p>C. No shift</p> <p>D. Depends on temperture</p>
16	pH of blood is around.	<p>A. 6.0</p> <p>B. 7.4</p> <p>C. 5.4</p> <p>D. 8.0</p>
17	When 3d subshell is completely filed, the next entering electron goes into.	<p>A. <math>4f</math></p> <p>B. <math>4p</math></p> <p>C. <math>4s</math></p> <p>D. <math>4d</math></p>
18	Law of mass action is applicable to.	<p>A. Reversible reaction</p> <p>B. Combustion reactions</p> <p>C. Irreversible reactions</p> <p>D. Endothermic reactions only</p>
19	Square root of the freuency of X-rays is.....atomic number	<p>A. Directly proportional to</p> <p>B. Inversely Proportional to</p> <p>C. Equal to</p> <p>D. Half of</p>
20	Whcih of the following reactions reaches equilibrium	<p>A. Reversible</p> <p>B. Irreversible</p> <p>C. Combustion</p> <p>D. Neutralization</p>