

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following has maximum heat capacity	A. Water B. Mercury C. Ethanol D. Iron
2	amorphous solids are typically	A. <p>Rigid and hard</p> B. <p>Found in lump or fine powder form</p> C. <p>Have a sharp melting point</p> D. <p>Always crystalline in structure</p>
3	Law of mass action is applicable to.	A. Reversible reaction B. Combustion reactions C. Irreversible reactions D. Endothermic reactions only
4	How many moles of water are produced by burning 4 moles of H ₂ with excess of oxygen.	A. <p>1 mole</p> B. <p>2 moles</p> C. <p>3 moles</p> D. <p>4 moles</p>
5	The shape of ICl ₅ according to the VSEPR model is	A. <p>T shape</p> B. <p>Tetrahedral</p> C. <p>Trigonal planar</p> D. <p>Trigonal bipyramidal</p>
6	If Delta n is positive, then K _p is	A. Greater than K _c B. Less than K _c C. equal K _c D. Zero
7	Combustion of methane is.	A. Reversible B. Endothermic C. Irreversible D. Equilibrium process
8	Law of mass action applies to	A. Closed systems only B. Open systems C. Irreversible systems D. Combustion reactions
9	Catalyst affects	A. Activation energy B. Equilibrium position C. K _p value D. Enthalpy
10	The metal deposited at cathode during electrolysis of NaCl is.	A. Cl ₂ B. Na C. H ₂ D. Cu
11	Which is amphoteric	A. H ₂ O B. HCl C. NaOH D. NH ₃
12	The structure of methane contains how many sigma bonds.	A. 1 B. 3 C. 4 D. 2
13	If 16 g of O ₂ react with excess C ₂ H ₆ , how many g of CO ₂ will be formed. 2C ₂ H ₆ + 7O ₂ ----- 4CO ₂ + 5H ₂ O	A. <p>22 g</p> B. <p>13 g</p> C. <p>9 g</p> D. <p>7 g</p>
14	In an exothermic reaction, the energy of products is	A. Greater than reactants B. Less than reactants C. Equal to reactants D. Zero
15	Standard electrode potential is measured under	A. 100 oC and 1 atm B. 0 oC and 1 M concentration C. 25 oC and 1 M concentration

16 Which metal is the best reducing agent.
A. Cu
B. K
C. Zn
D. Fe

17 Which of the following atoms show more than one oxidation states.
A. *Phosphorous*
B. *Magnesium*
C. *Sodium*
D. *Aluminium*

18 Which of the following is an addition polymer.
A. Nylon
B. Bakelite
C. *Polyethylene*
D. Terylene

19 In an energy profile, peak represents.
A. Reactants
B. *Activated complex*
C. Products
D. Catalyst

20 The addition of water to alkenes in presence of acid catalyst forms.
A. *Alcohols*
B. Alkanes
C. Ethers
D. Ketones