

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. Rigid and hard B. Found in lump or fine powder form C. Have a sharp melting point D. Always crystalline in structure
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. 1 mole B. 2 moles C. 3 moles D. 4 moles
5	The shape of ICl ₅ according to the VSEPR model is	A. T shape B. Tetrahedral C. Trigonal planar D. Trigonal bipyramidal
6	If Δn 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 gm of CO ₂ will be formed. $2C_2H_6 + 7O_2 \rightarrow 4CO_2 + 5H_2O$	A. 22 g B. 13 g C. 9 g D. 7 g
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 °C and 1 atm B. 0 °C and 1 M concentration C. 25 °C and 1 M concentration

C. 25 oC and 1 M concentration
D. 100 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. <p>Phosphorous</p>
- B. <p>Magnesium</p>
- C. <p>Sodium</p>
- D. <p>Aluminium</p>

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