

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	What is the type of [ICL4] according to the VSEPR model.	<p>A. AB_4 Tetrahedral</p> <p>B. AB_4, Pyramidal</p> <p>C. AB_5, trigonal bipyramidal</p> <p>D. AB_6, trigonalbipyramidal</p>
2	Which of the following species contains a dative bond.	<p>A. NH_4</p> <p>B. CH_4</p> <p>C. SO_2</p> <p>D. PCl_5</p>

The numbers of σ and π bonds in the N_2 molecule are.

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4 The strength of base is measured by its.

- A. K_a
 B. K_b
 C. pK_w
 D. K_w

5 The anode is electrolysis of molten NaCl is

- A. Na^+
 B. Cl^-
 C. Na
 D. H

6 Which of the following is an aromatic hydrocarbon

- A. Ethene
 B. Benzene
 C. Methane

7	The number of coulombs required to deposit 1 mole of Ag	A. 96500 C B. 193000 C C. 1 C D. 241250 C
8	The three p orbitals in a given energy level are oriented.	B. Along the same axis C. At 45° to each other D. Mutually perpendicular to each other along the x, y, and z axes. E. In a complex tetrahedral arrangement
9	Which is a pair of geometrical isomers.	A. Ethane and propane B. But-1-ene and but-2-ene C. <i>cis-but-2-ene and trans-but-2-ene</i> D. Benzene and toluene
10	Octet rule is not obeyed by which of the following compounds during its formation	A. H ₂ O B. NaCl C. NH ₃ D. PF ₅
11	At equilibrium ΔG is	A. Zero B. Positive C. Negative D. Maximum
12	Which of the following has all the three characters i.e. ionic, covalent and coordinate covalent.	A. H ₂ O B. NH ₃ C. KBr D. NH ₄ Cl
13	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
14	What is the effect of decreasing external pressure on boiling point of a liquid.	A. It increases B. It remains constant C. <i>It decreases</i> D. It fluctuates
15	Which of the following has greater viscosity than water	A. <i>Glycerine</i> B. Hexane C. Acetone D. Methanol
16	Number of moles in 100 g of KClO ₃	A. 0.76 B. 0.56 C. <i>0.816</i> D. 0.014
17	A salt from strong acid + weak base gives.	A. Neutral solution B. <i>Acidic solution</i> C. Precipitate D. Basic solution
18	Effect of temperature on rate is	A. Negligible B. Linear C. <i>Exponential</i> D. Logarithmic
19	In which of the following molecules ionic bond is found.	A. <i>CsI</i> B. NH ₃ C. HF D. CaC ₂
20	Why does acetone feel colder than water when poured on skin.	A. It reacts with skin B. <i>It has lower boiling point and evaporates faster</i> C. It is more viscous D. It absorbs moisture