

9th Class Chemistry English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Bond formation energy of one O-H bond is.....	A. 488 kJ/mol B. 484 kJ/mol C. 486 kJ/mol D. 489 kJ/mol
2	What information was obtained from discharge tube experiments?	A. Electrons and protons were discovered B. Structure of atom was discovered C. Neutrons and protons were discovered D. Presence of nucleus in an atom was discovered
3	Which is true about the equilibrium state?	A. The forward reaction stops B. Both forward and reverse reactions stop C. Both forward and reverse reactions continue at the same rate D. The reverse reaction stops
4	According to Arrhenius concept acid is a substance which dissociates in aqueous solution to give.	A. Proton B. Pair of Electron C. Hydrogen ions D. Hydroxide ion
5	Period number of $^{27}_{13}\text{Al}$ is	A. 1 B. 2 C. 3 D. 4
6	Period number tells about the	A. No. of valence electrons B. No. of electronic shells C. Both a and b D. None of the above
7	Which one of the following compounds will have the highest percentage of the mass of nitrogen?	A. N_2H_4 B. $\text{CO}(\text{NH}_2)_2$ C. NH_3 D. NH_2OH
8	In an irreversible reaction equilibrium is.	A. The forward reaction will be favoured B. No effect on forward or backward reaction C. No effect on backward reaction D. The backward reaction will be favoured
9	In the formation of AlF_3 , aluminum atom loses.....electrons.	A. 1 B. 4 C. 3 D. 2
10	Which among the following has a double covalent bond.	A. Ethane B. Methane C. Acetylene D. Ethylene
11	Which period of the modern periodic table is considered as an incomplete period.	A. 5th B. 4th C. 7th D. 6th
12	Which types of attractive forces are present in ionic compounds.	A. Covalent bonds B. Electrostatic forces of attraction C. Metallic bonds D. Coordinate covalent bonds
13	While baking which gas is responsible for raising the bread and making it soft?	A. Oxygen B. Carbon monoxide C. Carbon dioxide D. Nitrogen
14	When the tiny particles of a substance are dispersed through a medium, the mixture is	A. True solution B. Suspension

	named as.	<p>C. Colloid</p> <p>D. Heterogeneous mixture</p>
15	When new bonds are formed, the energy is	<p>A. Consumed</p> <p>B. Remains same</p> <p>C. Released</p> <p>D. None of these</p>
16	The elements of group 3 to 12 are called.	<p>A. Normal elements</p> <p>B. Halogens</p> <p>C. Noble gases</p> <p>D. Transition elements</p>
17	Identify the compound which is not soluble in water	<p>A. KBr</p> <p>B. MgCl₂</p> <p>C. C₆H₆</p> <p>D. NaCl</p>
18	When an electronegative element combines with an electropositive element, the type of bonding is.	<p>A. Covalent</p> <p>B. Polar Covalent</p> <p>C. Ionic</p> <p>D. Coordinate Covalent</p>
19	Which one of the following will show negligible effect of temperature on its solubility.	<p>A. KCl</p> <p>B. KNO₃</p> <p>C. NaCl</p> <p>D. NaNO₃</p>
20	The distance between the nuclei of two carbon atoms in its elemental form is	<p>A. 150 pm</p> <p>B. 152 pm</p> <p>C. 154 pm</p> <p>D. 156 pm</p>