

## Chemistry 9th Class English Medium Online Test

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	If the Delta H value is negative then reaction will be	A. Endothermic B. Exothermic C. May or may not be exothermic or endothermic D. None of these
3	The enthalpy of reaction $H_2 + I_2 \rightarrow 2HI$	A. -571.6 kJ B. +53.8 kJ C. 11 kJ D. -393.5 kJ
4	The enthalpy of reaction $2H_2 + O_2 \rightarrow 2H_2O$	A. -571.6 kJ B. -110.5 kJ C. -393.5 kJ D. +53.8 kJ
5	The enthalpy of reaction $C + O_2 \rightarrow CO_2$	A. -571.6 kJ B. -393.5 kJ C. +53.8 kJ D. -110.5 kJ
6	The part of the universe that we want to focus our attention called.	A. Surrounding B. Energy C. System D. Both a and b
7	The word energy is used in physics for the first time.	A. 1902 B. 1858 C. 1805 D. 1802
8	Who used the word energy for the first time	A. Rutherford B. Bohr C. Thomas Young D. None of these
9	All chemical reactions involve.	A. Enzymes B. Catalyst C. Energy changes D. All of these
10	When NaOH and HCl are mixed the temperature increases. The reaction	A. Exothermic with a negative enthalpy change. B. Endothermic with a positive enthalpy change. C. Endothermic with a negative enthalpy change D. Exothermic with a positive enthalpy change
11	When new bonds are formed, the energy is	A. Consumed B. Remains the same C. Released D. None of these
12	When old bonds are broken, the energy is.	A. Released B. Remains the same C. Consumed D. None of these