

Chemistry 9th Class English Medium Unit 5 Online Test

Sr	Questions	Answers Choice
1	When old bonds are broken, the energy is.	A. Release B. Remain same C. Consume D. None of these
2	When new bonds are formed, the energy is	A. Consume B. Remain same C. Release D. None of these
3	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
4	All chemical reaction involves.	A. Enzymes B. Catalyst C. Energy changes D. All of these
5	Who use the word energy for the 1st time	A. Rutherford B. Bohr C. Thomas Young D. None of these
6	The word energy is used in physics for the first time.	A. 1902 B. 1858 C. 1805 D. 1802
7	The part of the universe that we want to focus our attention called.	A. Surrounding B. Energy C. System D. Both a and b
8	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
9	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
10	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
11	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
12	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
13	Bond dissociation for H_2 is	A. 435 kJ/mol B. 440 kJ/mol C. 430 kJ/mol D. 445 kJ/mol
14	Bond dissociation for O_2 is	A. 505 kJ/mol B. 705 kJ/mol C. 605 kJ/mol D. 498 kJ/mol

15	Formation of NO is	A. Exothrmic B. Endothermic C. No Heat Change D. None of these
16	Activation energy of a chemical reaction must be..... the everage kinetic energy of reacting molecules.	A. Equal to B. Grether than C. Lower than D. None of these
17	No reaction occurs if the energy of reacting particles.....activation energy.	A. Lower than B. Greather than C. Nearest to D. Equal to
18	Washing clothes at 140 °F uses almost the energy as at 140 °F wash	A. Half B. Thrice C. Twice D. None of the above
19	----- of the energy used by traditional electric bulb is wasted in producing heat.	A. 60% B. 50% C. 70% D. 90%
20	Which is not produced in an aerobic respiration.	A. Carbon dioxide B. Lactic acid C. Water D. Energy
21	-----acts are reserve energy sources.	A. Enzymes B. Vitamins C. Proteins D. Lipids
22	Which is released in anacrobic respiration.	A. Stearic acid B. Citric acid C. Lactic acid D. Amino Acid
23	Aerobic respiration releases.....energy than anaerobic respiration.	A. Equal B. Less C. More D. None of these
24	----- acts a catalyst promoting the breakdown of ozone.	A. I2 B. Br2 C. Cl2 D. None
25	During the glycolysis net ATP produced are.	A. 2 B. 4 C. 6 D. 8