

Energetics

Sr	Questions	Answers Choice
1	When new bonds ae formed, the energy is	A. Consume B. Remain same C. Release D. None of these
2	of the energy used by traditional electric bulb is wasted in producing heat.	A. 60% B. 50% C. 70% D. 90%
3	Which is released in anacrobic respiration.	A. Stearic acid B. Citric acid C. Lactic acid D. Amino Acid
4	Bond dissociation for O2 is	A. 505 kJ/mol B. 705 kJ/mol C. 605 kJ/mol D. 498 kJ/mol
5	When old bonds are broken, the energy is.	A. Release B. Remain same C. Consume D. None of these
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	All chemical reaction involves.	A. Enzymes B. Catalyst C. Energy changes D. All of these
8	Aerobic respiration releasesenergy than anaerobic respiration.	A. Equal B. Less C. More D. None of these
9	Formation of NO is	A. ExothrmicB. EndothermicC. No Heat ChangeD. None of these
10	When NaOH and HCl are mixed the temperature increases. The reaction	A. Exothermic with a negative enthalpy chagne. B. Endothermic with a positive enthaly change. C. Endothermic with a negatie enthalpy change D. Exothermic with a positive enthealpy change
11	The enthalpy of reaction 2H2 +O22H2O	A571.6 kJ B110.5 kJ C393.5 kJ D. +53.8 kJ
12	No reaction occurs if the energy of reacting particlesactivation energy.	A. Lower than B. Greather than C. Nearest to D. Equal to
13	The word energy is used in physics ofr the firt time.	A. 1902 B. 1858 C. 1805 D. 1802
14	acts a catalyst promoting the breakdown of ozone.	A. I2 B. Br2 C. CI2 D. None

15	The enthalpy of reaction C+O2 CO2	A5/1.6 kJ B393.5 kJ C. +53.8 kJ D110.5 kJ
16	Who use the word energy for the 1st time	A. Rutherford B. Bohr C. Thomas Young D. None of these
17	During the glycolysis net ATP produced are.	A. 2 B. 4 C. 6 D. 8
18	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
19	Washing clothes at 140 ^o F uses almost the energy as at 140 ^o F wash	A. Half B. Thrice C. Twice D. None of the above
20	acts are reserve energy sources.	A. Enzymes B. Vitamins C. Proteins D. Lipids