Energetics

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	Aerobic respiration releases.....energy than anaerobic respiration.	A. Equal B. Less C. More D. None of these
3	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
4	The word energy is used in physics ofr the firt time.	A. 1902 B. 1858 C. 1805 D. 1802
5	During the glycolysis net ATP produced are.	A. 2 B. 4 C. 6 D. 8
6	Which is released in anacrobic respiration.	A. Stearic acid B. Citric acid C. Lactic acid D. Amino Acid
7	If the Delta H value is negative then reaction witll be	A. Endotermic B. Exothermic C. May or may not be exothermic or endothermic D. None of these
8	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
9	The enthalpy of reaction H2+I2--- 2HI	A. -571.6 k J B. +53.8 kJ C. 11 kJ D. -393.5 kJ
10	When new bonds ae formed, the energy is	A. Consume B. Remain same C. Release D. None of these
11	The part of the universe that we want to focus our attention called.	A. Surrounding B. Energy C. System D. Both a and b
12	---------- acts a catalyst promoting the breakdown of ozone.	A. I2 B. Br2 C. Cl2 D. None
13	Bond dissociation for O2 is	A. 505 kJ/mol B. 705 kJ/mol C. 605 kJ/mol D. 498 kJ/mol
14	All chemical reaction involves.	A. Enzymes B. Catalyst C. Energy changes D. All of these

15	----------acts are reserve energy sources.	A. Enzymes B. Vitamins C. Proteins D. Lipids
16	Formation of NO is	A. Exothrmic B. Endothermic C. No Heat Change D. None of these
17	The enthalpy of reaction C+O2 ------ CO2	A. -571.6 kJ B. -393.5 kJ C. +53.8 kJ D. -110.5 kJ
18	Who use the word energy for the 1st time	A. Rutherford B. Bohr C. Thomas Young D. None of these
19	Bond dissocialation for H2 is	A. 435 kJ/mol B. 440 kJ/mol C. 430 kJ/mol D. 445 kJ/mol
20	---------- of the energy used by traditional electric bulb is wasted in producing heat.	A. 60% B. 50% C. 70% D. 90%