Energetics

Sr	Questions	Answers Choice
1	Which is not produced in an aerobic respiration.	A. Carbon dioxide B. Lactic acid C. Water D. Energy
2	The enthalpy of reaction 2H2 +O2-----2H2O	A. -571.6 kJ B. -110.5 kJ C. -393.5 kJ D. +53.8 kJ
3	The part of the universe that we want to focus our attention called.	A. Surrounding B. Energy C. System D. Both a and b
4	When old bonds are broken, the energy is.	A. Release B. Remain same C. Consume D. None of these
5	---------- acts a catalyst promoting the breakdown of ozone.	A. I2 B. Br2 C. Cl2 D. None
6	No reaction occurs if the energy of reacting particles.....activation energy.	A. Lower than B. Greather than C. Nearest to D. Equal to
7	Formation of NO is	A. Exothrmic B. Endothermic C. No Heat Change D. None of these
8	When new bonds ae formed, the energy is	A. Consume B. Remain same C. Release D. None of these
9	The word energy is used in physics ofr the firt time.	A. 1902 B. 1858 C. 1805 D. 1802
10	---------- of the energy used by traditional electric bulb is wasted in producing heat.	A. 60% B. 50% C. 70% D. 90%
11	The enthalpy of reaction H2+I2--- 2HI	A. -571.6 k J B. +53.8 kJ C. 11 kJ D. -393.5 kJ
12	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
13	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
14	During the glycolysis net ATP produced are.	A. 2 B. 4 C. 6 D. 8
15	All chemical reaction involves.	A. Enzymes B. Catalyst C. Energy changes

		D. All of these
16	Bond dissocialation for H2 is	A. 435 kJ/mol B. 440 kJ/mol C. 430 kJ/mol D. 445 kJ/mol
17	Which is released in anacrobic respiration.	A. Stearic acid B. Citric acid C. Lactic acid D. Amino Acid
18	----------acts are reserve energy sources.	A. Enzymes B. Vitamins C. Proteins D. Lipids
19	Aerobic respiration releases.....energy than anaerobic respiration.	A. Equal B. Less C. More D. None of these
20	The enthalpy of reaction C+O2 ------ CO2	A. -571.6 kJ B. -393.5 kJ C. +53.8 kJ D. -110.5 kJ