



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



SUB: Biological Sciences Class: XI Date: 15.06.2020

Ch-1- Science of Life (Characteristics of Life)

FM: 15

WORKSHEET – 1(ANSWERS)

(1x15=15)

- i) *Mimosa pudica* droops down in touching is an example of
(1) Defense (2) Paralysis (3) Anaesthesia **(4) Responsiveness**
- ii) All organisms require _____ which they get from food
(1) Oxygen **(2) Energy** (3) Carbon Dioxide (4) Light
- iii) The process of producing new individual organisms is referred to as
(1) Genetics **(2) Reproduction** (3) Metabolism (4) None of them
- iv) The phenomenon of maintenance of temperature by living organisms is called
(1) Metaphase (2) Adaptation **(3) Homeostasis** (4) None of them
- v) When organisms are better suited to its environment with certain changes, it is called
(1) Homogenous solution (2) Metabolism event **(3) Adaptation** (4) None of them
- vi) The growth in non-living substances is due to deposition of materials externally is called-
(1) Intussusception **(2) Accretion** (3) Differentiation (4) Development
- vii) The phase of living organisms after the active phase of life ultimately leading to death-
(1) Maturity (2) Senescence (3) Adolescence **(4) Dormancy**
- viii) Viruses are not considered to be living organisms as they lack
(1) Nucleic Acid (2) Protein **(3) Cells** (4) None of them
- ix) The growth in living organisms is
(1) Accretion **(2) Intussusception** (3) Maturity (4) Somatic
- x) All physiological activities take place in a rhythm which is called-
(1) Periodicity **(2) Rhythmicity** (3) Cyclic (4) None of these
- xi) The phenomenon which compensates for the loss of life due to death
(1) Growth **(2) Reproduction** (3) Maturity (4) Development
- xii) Which of the following organisms is sterile?
(1) Tigers (2) Horses (3) Donkeys **(4) Mule**
- xiii) Photosynthesis is
(1) Catabolic **(2) Anabolic** (3) Both (1) and (2) (4) None of these
- xiv) The sum total of all the reactions in living organisms consists of
(1) Catabolism (2) Anabolism **(3) Both (1) and (2)** (4) None of these
- xv) The other name for destructive metabolism is -
(1) Anabolism **(2) Catabolism** (3) Metabolism (4) None of these
