



FOR GOD AND COUNTRY

ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: LIFE SCIENCE

Class: VIII

Date: 18.04.2020

Chapter- 3 - Ecosystems

FM: 15

WORKSHEET - 11

(1x15=15)

- i) Which of the following are released when decomposers break down dead organisms and excreta?
(1) Oxygen (2) Nitrogen (3) **Carbon Dioxide** (4) Hydrogen
- ii) Which of the following substances contributes to the formation of clouds?
(1) **Water vapour** (2) Oxygen (3) carbon Dioxide (4) All of these
- iii) The phenomenon that helps in the formation of rainfall is
(1) Transpiration (2) Respiration (3) **Both (1) and (2)** (4) None of these
- iv) By photosynthesis, plants convert solar energy to
(1) Heat energy (2) **Chemical energy** (3) Potential energy (4) All of these
- v) Energy from primary consumers is passed on to-
(1) Secondary consumers (2) Producers (3) **Scavengers** (4) Decomposers
- vi) At each step of the food chain, energy is
(1) **Lost** (2) Gained (3) Created (4) Destroyed
- vii) Secondary consumers can be represented as
(1) T1 (2) T2 (3) **T3** (4) T4
- viii) Which of the following represents the second trophic level or T2?
(1) Producers (2) **Primary Consumers** (3) Secondary consumers
(4) Tertiary consumers?
- ix) Which of the following is not a top carnivore?
(1) Lion (2) Tiger (3) Python (4) **Eagle**
- x) Interconnected food chains are called-
(1) Food net (2) **Food web** (3) Food mesh (4) Food maze
- xi) The number of organisms in trophic levels of a food chain is represented by-
(1) **Pyramid of numbers** (2) Pyramid of energy (3) Food web (4) None of these
- xii) As we go up in a pyramid, at each level, the number of organisms
(1) Increase (2) **Decrease** (3) Remains same (4) Increase or decrease
- xiii) Grasshoppers occupy the level _____ in the pyramids of numbers
(1) **Above plants** (2) Above frogs (3) At apex (4) None of these
- xiv) Which of the following is depicted as the narrowest part of the organisms
(1) Primary consumers (2) Producers (3) Secondary consumers (4) **Apex predator**
- xv) Which of the following forms the base of the pyramid of numbers?
(1) Cows (2) Tigers (3) **Green plants** (4) Mice

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