



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: LIFE SCIENCE

Class: VIII

Date: 21.04.2020

Chapter- 3 - Ecosystems

FM: 15

WORKSHEET - 13

(1x15=15)

- i) When two organisms are benefitted in a relationship, it is called
(1)Commensalism (2) Parasitism (3) Competition (4)Mutualism
- ii) Which of the following is Nitrogen- fixing bacterium?
(1)*E.coli* (2) *Salmonella* (3)*Rhizobium* (4)*Mycobacterium*
- iii) In leguminous plants , seeds are produced in
(1)Nuts (2) Pods (3)Both (1) and (2) (4)None of these
- iv) *Rhizobium* converts Nitrogen in air to
(1)Ammonia (2)Methane (3)Nitrogen Dioxide (4)Nitric acid
- v) Plant cells convert ammonia to
(1)Minerals (2)Sugars (3)Amino Acids (4)Lipids
- vi) Lichens are mutually beneficial association between
(1)Algae and Fungi (2) Fungi and Bacteria (3) Bacteria and Algae (4) Algae and worms
- vii) Bacteria in leguminous plants live in
(1)Stem nodules (2) Root nodules (3) Leaf nodules (4) Internodal region
- viii) Formation of which of the biomolecules in plants is helped by the Nitrogen fixing Bacteria
(1)Carbohydrates (2) Proteins (3) Lipids (4) None of these
- ix) Sea anemone has a mutually beneficial association with-
(1)Hag Fish (2)Dog fish (3)Clown Fish (4) Silver fish
- x) The relationship in which one of the host is benefitted and the other is unaffected is
(1)Mutualism (2)Commensalism (3)Predation (4)Competition
- xi) Epiphytes grow on
(1)Tree trunks (2) Roots of trees (3)Animals (4)Grass
- xii) Germinating seeds of the same species competing for space is an example of
(1)Intraspecific competition (2) Interspecific competition (3) Commensalism (4)Mutualism
- xiii) Animals may compete for
(1)Water (2)Food (3)Shelter (4)All of these
- xiv) Cheetahs and lions feeding on the same type of prey show
(1)Intraspecific competition (2) Interspecific competition (3)Predation (4) Mutualism
- xv) 'Several male peafowls gather in an area to display their physical qualities, while the female chooses a mate from among them.' This relationship is-
(1)Predation (2)Mutualism (3) Intraspecific competition
(4) Interspecific competition

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