



# 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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