



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

## SOLUTIONS – 38

Class: IX

Sub: Life Science

Date: 17.06.2020

### Topic: Types of Nutrition

F.M. : 15

Choose the correct option:

(1x15=15)

- On the basis of presence or absence of green pigment organisms are divided as :-  
a) Autotrophic and heterotrophic b) Heterotrophic c) Autotrophic and heterotrophic d) None of these  
**Answer : Autotrophic and heterotrophic (c)**
- The organisms which use solar energy to prepare their own food :-  
a) Photoautotrophs b) Chemoautotrophs c) Saprophytes d) Parasites  
**Answer : Photoautotrophs (a)**
- Bacteria that can make organic food from simpler organic substances without using solar energy are called :-  
a) Autotrophs b) Photoautotrophs c) Chemoautotrophs d) All of these  
**Answer : Chemoautotrophs (c)**
- The organisms which cannot manufacture their own food and obtain food from other substances are called :-  
a) Autotrophs b) Photoautotrophs c) Chemoautotrophs d) All of these  
**Answer : Chemoautotrophs (c)**
- Heterotrophs include :-  
a) Parasites b) Saprophytes c) Symbionts d) All of these  
**Answer : All of these (d)**
- Organisms that obtain food from a host are called :-  
a) Parasite b) Saprophyte c) Symbiont d) All of these  
**Answer : Parasite (a)**
- The specialized structure is parasites to obtain food from the host is called :-  
a) Rhizome b) Rhizoids c) Haustoria d) Roots  
**Answer : Haustoria (c)**
- An example of total stem parasite is :-  
a) *Monotropa* b) *Cuscuta* c) *Orobancha* d) All of these  
**Answer : Cuscuta (b)**

9. The scientific name of Bird's nest plant is :-  
a) *Cuscuta* b) *Monotropa* c) *Orobancha* d) *Neottia*  
**Answer : *Neottia* (b)**
10. Insectivorous plants digest insects because they :-  
a) Obtain glucose from insects b) Obtain proteins from insects c) Energy produced outside the cells d) All of these  
**Answer : Obtain proteins from insects (d)**
11. Example of Insectivorous plant is :-  
a) Pitcher plant b) Sundew c) Bladderwort d) All of these  
**Answer : All of these (d)**
12. Holozoic nutrition consists of :-  
a) Ingestion b) Digestion c) Egestion d) All of these  
**Answer : All of these (d)**
13. Animals which obtain food from dead and decaying organic matter :-  
a) Symbiotic b) Parasite c) Symbiont d) Saprophyte  
**Answer : Saprophyte (d)**
14. Example of organisms for saprozoic nutrition is :-  
a) Spiders b) House flies c) Cockroach d) All of these  
**Answer : All of these (d)**
15. The process of removal of undigested product is :-  
a) Ingestion b) Egestion c) Digestion d) Holozoic nutrition  
**Answer : Egestion (b)**

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