



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

## SOLUTION – 18

Class: IX

Sub: Life Science

Date: 15.03.2021



**Topic: Ch 2 (part 4) Minerals ,Structure of cell – Cell membrane and cell wall**

**F.M. : 15**

**Choose the correct option:**

**(1x15=15)**

- The source of Minerals which are required by plants and animals is:  
a) Soil b) fruits and vegetables c) flesh of other animals **d) all of these**
- ..... helps in maintaining strong bones and teeth.  
**a) Calcium** b) potassium c) copper d) chromium
- Iodine helps in the maintenance of ..... gland.  
**a) Thyroid** b) pituitary c) adrenal d) all of these
- ..... Helps in the maintaining balance of water in the blood and body tissues.  
a) Calcium **b) Potassium** c) Magnesium d) none of these
- The chief function of Phosphorus:  
a) Formation of ATP b) formation of bones c) helps RBCs deliver oxygen **d) all of these**
- The Cell membrane is chemically composed of:  
a) proteins b) glycolipids c) phospholipids **d) phospholipids and proteins**
- The cell membrane has ..... layer of phospholipids.  
a) mono **b) Bi** c) tri d) none of these
- The type of lipids found in membrane has an important element .....  
a) Boron **b) Phosphorus** c) silicon d) chromium
- The fatty acid has the following important part:  
a) hydrophilic tail b) hydrophobic tail **c) hydrophilic head and hydrophobic tail** d) hydrophobic head and hydrophilic tail
- The following scientists proposed the fluid mosaic model of cell membrane:  
**a) Singer and Nicolson** b) Camillo Golgi c) Harvey d) Schwann
- The following type of protein is present in cell membrane:  
a) extrinsic b) channel c) intrinsic **d) all of these**
- Cell wall is found in:  
a) Plants b) bacteria c) fungi **d) all of these**
- Primary cell wall is composed of mainly:  
a) pectin b) lignin **c) cellulose** d) all of these
- Function of cell wall is:  
a) shape of the cell b) protects cell c) supports cell **d) all of these**
- Cell membrane is selectively permeable while cell wall is .....  
a) Impermeable **b) fully permeable** c) semi permeable d) none of these

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