

Subject - Biology.

Date - 29/04/20

Class - X<sup>th</sup>

By - Madhu Kumari

Chapter - Life Processes

R.S.M.P.S

Topic - Nutrition

Very Short Answer Type Questions:-

Q-1 What activity is basis to Living?

Ans - Molecular Movement.

Q-2 Name an entity (Organism) which does not show molecular movement.

Ans - Virus outside host cell.

Q-3 What are life Processes?

Ans - They are basic activities of living things like Nutrition, Respiration, Transportation, Excretion etc, which are essential for their survival.

Q-4 Name the materials that a living being obtains from outside.

Ans - Nutrients, Oxygen and Water.

Q-5 What is Metabolism?

Ans - It is sum total of all chemical reactions which occur in living beings.

Q-6 What are two modes of Nutrition.

Ans Autotrophic and Heterotrophic.

Q-7 What are different kinds of Heterotrophic Nutrition?

Ans - (i) Parasitic (ii) Saprotrophic (iii) Holozoic

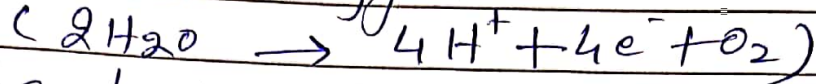
Q-8 Name the pigment in plants which absorbs sunlight.



Ans 1 - Chlorophyll.

Q-9 what is photolysis process?

Ans 1 - Splitting of water into its components Hydrogen and oxygen.



Q-10 Name the food produced during photosynthesis.

Ans: Glucose. ( $C_6H_{12}O_6$ )

### Short Answer Type Questions.

Q-1 Distinguish between Autotrophic and Heterotrophic Nutrition

Ans.	<u>Autotrophic</u>	<u>Heterotrophic</u>
1	Self dependent (make food themselves)	Dependent on other for getting nutrients.
2	Perfor photosynthesis and chemosynthesis	They do not perform.

Q-2 Distinguish between parasite and saprophyte.

Ans 1 -	<u>Parasites</u>	<u>Saprophytes</u>
1.	Derive nutrients from Host	1. Derive Nutrient from Dead & decaying matter.
2.	Do not digest food.	2. Break down matter outside Body.

Q-3 what is Holozoic Nutrition? Give two examples of Holozoic Organisms.

Ans 1 - Nutrition of those organisms which involve intake of solid complex food. Amoeba and Human are examples.

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Q.4 Difference In Ingestion and Egestion.

Ans - Ingestion is taking food inside mouth / cell where as egestion is releasing undigested food.

Ingestion — Complex food is taken  
Egestion — Simple is released.