

BIOLOGY ASSIGNMENT
CLASS -X
CHAPTER- LIFE PROCESSES
CONCEPT- NUTRITION

INSTRUCTIONS

1. Solve the assignment in the A-4 Sheet and maintain it in a file.
2. Draw well labeled diagram with the help of pencil.

Q.1 Write the balanced chemical equation of photosynthesis.

Q.2 List the events taking place during the process of photosynthesis.

Q.3 How does an amoeba takes its food. Explain it with the help of the diagram.

Q.4 Why is diffusion insufficient to meet the oxygen requirements of multicellular organisms like humans?

Q.5. What are the necessary' conditions for autotrophic nutrition and what are its byproducts?

Q.6 How opening and closing of stomata takes place?

Q.7 Draw the well labelled diagram of the following.

- (a) Human digestive system
- (b) Human respiratory system

Q.8 Diagrammatically explain the opening and closing of stomata.

Q.9 Differentiate in a tabular form between autotrophic and heterotrophic nutrition.(3 points)

Q. 10 Leaves of a potted plant were coated with wax to block the stomata.

Will this plant remain alive and healthy for long? State three reasons for your answer.