

Vidya Bhawan Balika Vidyapeeth Lakhisarai

Arun Kumar Gupta

Class 10th

Sub. Biology

Date:- 30.07.20

Based on NCERT patterns

Questions practice for PA 1

Which of the following are energy foods?

- (a) Carbohydrates and fats
- (b) Proteins and mineral salts
- (c) Vitamins and minerals
- (d) Water and roughage

2. In which mode of nutrition an organism de-rives its food from the body of another living organism without killing it?

- (a) Saprotrophic nutrition
- (b) Parasitic nutrition
- (c) Holozoic nutrition
- (d) Autotrophic nutrition

3. The mode of nutrition found in fungi is:

- (a) Parasitic nutrition
- (b) Holozoic nutrition
- (c) Autotrophic nutrition
- (d) Saprotrophic nutrition

4. Roots of the plants absorb water from the soil through the process of:

- (a) diffusion
- (b) transpiration
- (c) osmosis
- (d) None of these

5. The site of photosynthesis in the cells of a leaf is

- (a) chloroplast
- (b) mitochondria
- (c) cytoplasm
- (d) protoplasm

6. In amoeba, food is digested in the:

- (a) food vacuole

- (b) mitochondria
- (c) pseudopodia
- (d) chloroplast:

7. Which of the following events in the mouth cavity will be affected if salivary amylase is lacking in the saliva?

- (a) Starch breaking down into sugars.
- (b) Proteins breaking down into amino acids.
- (c) Absorption of vitamins.
- (d) Fats breaking down into fatty acids and glycerol.

8. Which region of the alimentary canal absorbs the digested food?

- (a) Stomach
- (b) Small intestine
- (c) Large intestine
- (d) Liver

9. The contraction and expansion movement of the walls of the food pipe is called:

- (a) translocation
- (b) transpiration
- (c) peristaltic movement
- (d) digestion

11. The exit of unabsorbed food material is regulated by

- (a) liver
- (b) anus
- (c) small intestine
- (d) anal sphincter

12. What are the products obtained by anaerobic respiration in plants?

- (a) Lactic acid + Energy
- (b) Carbon dioxide + Water + Energy
- (c) Ethanol + Carbon dioxide + Energy
- (d) Pyruvate

13. The breakdown of pyruvate to give carbon di-oxide, water and energy takes place in

- (a) cytoplasm
- (b) mitochondria
- (c) chloroplast
- (d) nucleus

14. Glycolysis process occurs in which part of the cell?

- (a) Cytoplasm
- (b) Nucleus

- (c) Mitochondria
- (d) Chloroplast

15. Name the substances whose build up in the muscles during vigorous physical exercise may cause cramps?

- (a) Ethanol + Carbon dioxide + Energy
- (b) Lactic acid + Energy
- (c) Carbon dioxide + Water + Energy
- (d) Pyruvate