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Solution 1

Food is the basic requirement of living organisms for obtaining energy.

Solution 2

Chemical Energy.

Solution 3

Green Plant.

Solution 4

Carbon dioxide and Water.

Solution 5

Saprotrophic.

Solution 6

Saprophytic - Fungi. Parasitic - Plasmodium. Holozoic - Human Beings.

Solution 7

Photosynthesis.

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Solution 8

Sunlight and chlorophyll.

Solution 9

Carbon dioxide and water.

Solution 10

(a) Carbon dioxide.

(b) Oxygen.

Solution 11

A is glucose and B is starch.

Solution 12

Alcohol.

Solution 13

We boil the leaf in Alcohol to remove all its green pigment called chlorophyll.

Solution 14

(a) Chlorophyll. (b) Green.

Solution 15

Chlorophyll

Solution 16

Chloroplast.

Solution 17

Nitrogen, phosphorus, iron and magnesium.

Solution 18

Leaves.

Solution 19

Guard cells.

Solution 20

Amoeba.

Solution 21

(i) Herbivores.(ii) Carnivores.(iii) Omnivores.

Solution 22

(i) Carnivores.(ii) Herbivores.(iii) Omnivores.

Solution 23

Chlorophyll.

Solution 24

Ingestion, digestion, absorption, assimilation, egestion.

Solution 25

Amoeba engulfs the food particles with the help of finger like projections called pseudopodia.

Solution 26

Digestive enzymes.

Solution 27

Amoeba has no fixed place for egestion. The undigested food gets collected inside amoeba, then its cell membrane suddenly ruptures and the undigested food is thrown out of the body of amoeba.

Solution 28

Paramecium.

Solution 29

Salivary amylase is present in human saliva. It digests starch.

Solution 30

(i) Small Intestine.

(ii) Large Intestine.

Solution 31

Peristaltic movement.

Solution 32

Oesophagus.

Solution 33

Saliva

Solution 34

Villi.

Solution 35

Large intestine.

Solution 36

Anus.

Solution 37

Small intestine.

Solution 38

Digestive enzymes.

Solution 39

(a) Autotrophs.

(b) Heterotrophs.

(c) Autotrophs, heterotrophs.

(d) Carbon dioxide, water.

(e) Starch.

***** END *****