Grade 4

Green plants

new words

 Stalk

main vein

 leaf blade

 side vein

stomata

photosynthesis

Glucose

 energy

 starch

 unusual plant

parasitic plant

kitchen

leaf

bud

flower

Very short answer question

1 Food chain starts with which organism- plant, herbivore or carnivore.

Ans plant

2 Name the vein that runs through the middle of a leaf.

Ans main vein

Short answer questions

1 what is photosynthesis?

Ans the process by which Green leaves make food with the help of carbon dioxide and water in the presence of sunlight and chlorophyll is called photosynthesis.

2 How do plants use their food ?

Ans plants use their prepared food or glucose in the following way

1) They burn it to produce energy.

2)They use it for the growth and repairing damaged cells and tissues.

3 A cactus has no leaves. How does it prepare it's food.

Ans A cactus plant makes it's food in its fleshy stem by the process of photosynthesis.

Long answer questions

1 what are the functions of a leaf?

Ans 1) leaves make food for the plant so they are called kitchen or food factories of a plant.

2)leaves help plants breath through stomata.

3) leaves give shape and colour to the plant.

2 Explain how energy flow between living organisms. Ans Plants are eaten by herbivores like dear, cows and buffaloes. These herbivores are eaten as food by flesh eaters like lion and tiger. The flow of energy in the form of food from one living organism to another is called food chain.

5 Create your own food chain using green plants, herbivorous and carnivorous animal. Show the flow of energy in them.

Ans

 Eaten as food by

Grass ----------------->

 Eaten as food by deer-----------------> lion