

28/9/21

## Questions

1) In addition to carbon dioxide and water, state two other conditions necessary for the process of photosynthesis to take place.

Ans:- Two other conditions necessary for the process of photosynthesis are:-

- Sunlight
- Chlorophyll

2) a) Name a pigment in leaves which absorbs sunlight energy.

b) What is the colour of this pigment?

Ans:- a) Chlorophyll is the pigment in leaves which absorbs sunlight energy.

b) ~~Colour of photosynthesis~~ Chlorophyll is green in colour.

3) What is the name of those cells in the leaf of a plant which controls the opening and closing of stomata?

Ans:- Guard cells in the leaf of a plant control the opening and closing of stomata.

a) All the animals can be divided into three groups on the basis of their eating habits. Name the three groups.



Ans:- Groups of animals on the basis of their eating habits are:-

→ Herbivores - cow, deer

→ Carnivores - Lion, tiger

→ Omnivores - human beings, crows.

5) why do we boil the leaf in alcohol when we are testing it for starch test.

Ans:- we boil the leaf in alcohol when we are testing it for starch test to remove the chlorophyll present in the leaves.