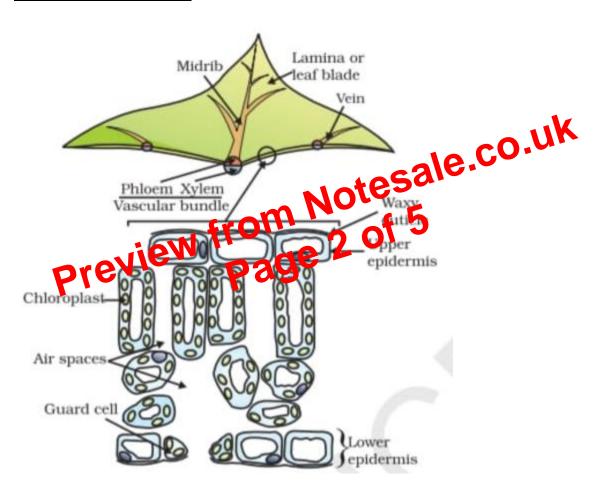
Events during photosynthesis:-

- i)Absorption of light energy by chlorophyll.
- ii)Conversion of light energy into chemical energy and splitting of water molecule hydrogen and oxygen.
- iii)Reduction of CO₂ into carbohydrate.

Cross section of a leaf:-



- Q. Design an experiment to demonstrate that chlorophyll is essential for photosynthesis.
- Q. Design an experiment to demonstrate that CO_2 is essential for photosynthesis.
- Q. Design an experiment to demonstrate that sunlight is essential for photosynthesis.