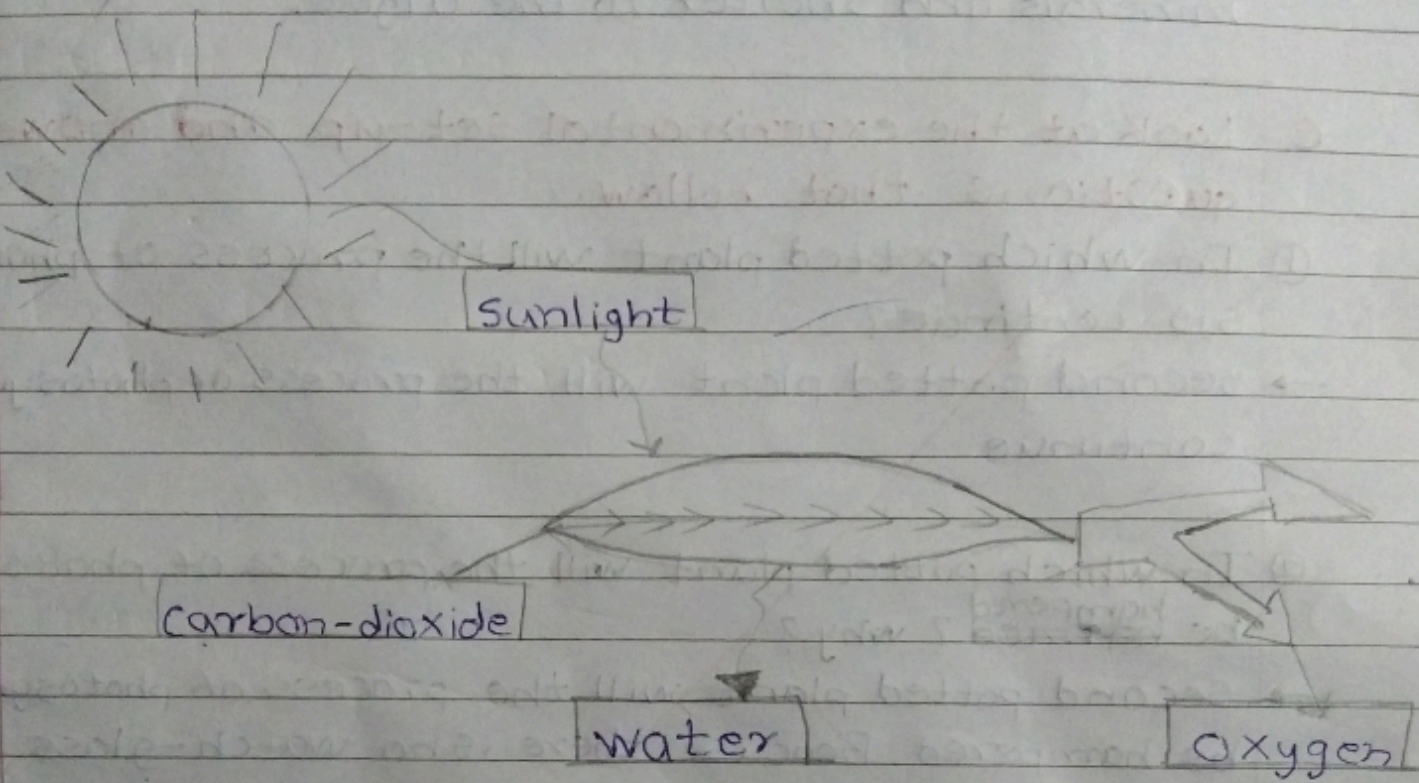
Nutrition In Animals

A. Look at the picture depicting the process of photosynthesis. write the correct answers in the boxes.



B. write any one important feature of these plants/ organisms.

① Rhizobium.

→ The rhizobium help to convert atmospheric nitrogen into ammonia.

② Cactus

→ Cactus leaves are modified into spins to reduce the loss of water. So, photosynthesis takes place in the thick and fleshy green ~~plants~~ stems that contain chlorophyll.

③ Mistletoe

→ Mistletoe can therefore make its own food by photosynthesis. But it depends on the host plant for water and minerals.

④ Lichen

→ The autotrophic algae provide nutrients to the saprotrophic fungi. In turn, fungi provide water, minerals and shelter to the algae.

C. Look at the experimental set-up and answer the questions that follow.

① In which potted plant will the process of photosynthesis continue?

→ second potted plant will the process of photosynthesis continue

② In which potted plant will the process of photosynthesis be ~~harmed~~ hampered? why?

→ Second potted plant will the process of photosynthesis be hampered. Because there is no watch-glass containing potassium hydroxide.

③ What is the aim of the experiment?

→ To show that carbon dioxide is necessary for photosynthesis.

④ The bell jars are made of glass. Will the results be the same if they were made of wood?

→ NO

⑤ The bell jars must be sealed with wax. Why?

→ Beacuse ~~wax~~ to ~~kipe~~ keep air tight.