

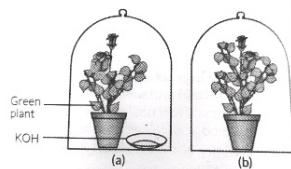
## photosynthesis and stomata - Saved

**Seven Star International School Bani**Unit test  
Time: 1 hour

Class:10th

Subject: science  
M.M: 30**Section -A (Biology)**

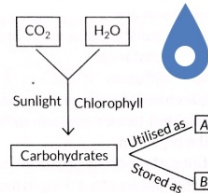
**Q1) A student was asked to write a step wise process to demonstrate that come back side is necessary for photosynthesis he wrote the following steps. The wrongly worded**



**step is - (1)**

- Both potted plant are kept in dark room for at least 3 days.
- bottom of jar is sealed to make the air tight.
- both ported plants are kept in sunlight after the starch test.
- A leaf from the both plant is taken to test the presence of starch.

**Q2) In the following flowchart showing autotrophic nutrition in green plants , A and respectively are:- (1)**



- Oxygen and energy.
- Starch and oxygen.
- Energy and starch
- Oxygen and water.

**Q3- A stomata closes when:- (1)**

- It needs carbon dioxide for photosynthesis.
  - it does not need carbon dioxide for photosynthesis.
  - water flows out of the guard cells.
  - water flows into the guard cells
- The correct processes are :- a) (i) only.    b) ii) and iii)    c) i) and iii).    d)ii) and iv)

**Q4- In which of the following groups of organism, food material is broken down outside a body and then absorbed in? (1)**

- Mushroom ,green plants , Amoeba.
- Yeast, mushroom , bread mould.
- Paramecium, Amoeba , Cuscuta.
- Cuscuta, lice, tapeworm.

**Q5- Write a balanced chemical equation involved in photosynthesis. (1)**

**Q 6- What happened to the carbohydrates which are not immediately used by plants ? (1)**

**Q7- Define the food making process of plant. Name the organelle in which photosynthesis take place. Where does the oxygen liberated come from during this process? (2)**

**Q 8- what happened to the rate at which green plants will prepare food- (2)**

1) during cloudy weather    2) when stomata getting blocked due to dust

**B***I*U**A**1  
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