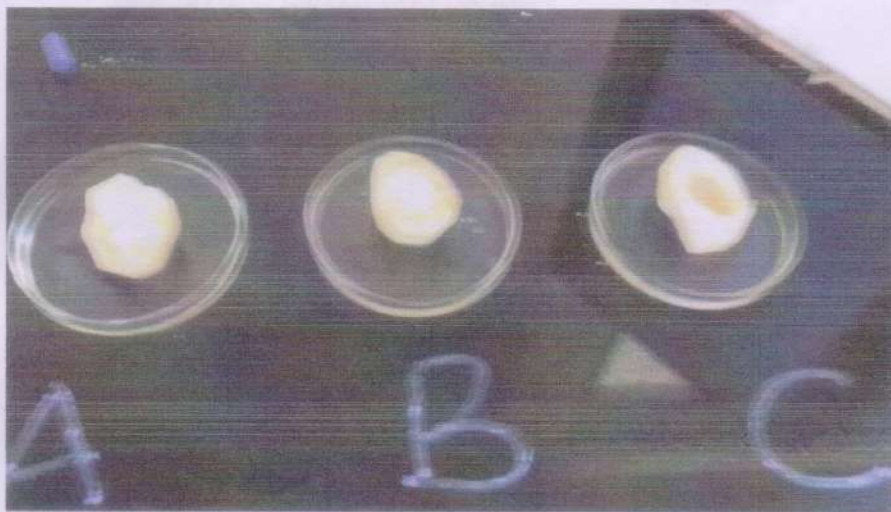


## QUESTION 1



Observe the picture 1 showing 3 potato cups.

Cup A is a raw peeled potato containing sugar

Cup B is a boiled peeled potato containing sugar

Cup C is an empty raw potato

All 3 potato cups are placed in a tray containing water

- What would you observe in each of these cups after some time .Give a reason for your answer
- Define the process seen above
- What is the role of Cup C

## QUESTION 2

- a) Study the picture 2 below which shows a potted plant where leaf A is placed in a jar containing potassium hydroxide



- a) What is the aim of the experiment  
b) What would you observe if the leaf is tested for starch. Give a reason for your answer  
c) List the steps of a starch test  
d) Give an equation for the above process seen in plants

## QUESTION 3

Observe the picture 3 below which shows a set up for a particular process



- a) Define the process
- b) What is the importance of this process to plants (2 points)
- c) Name 2 structures in plants through which this process takes place
- d) What would you observe if the potted plant is replaced by a sunflower. Give a reason for your answer