

Worksheet 2

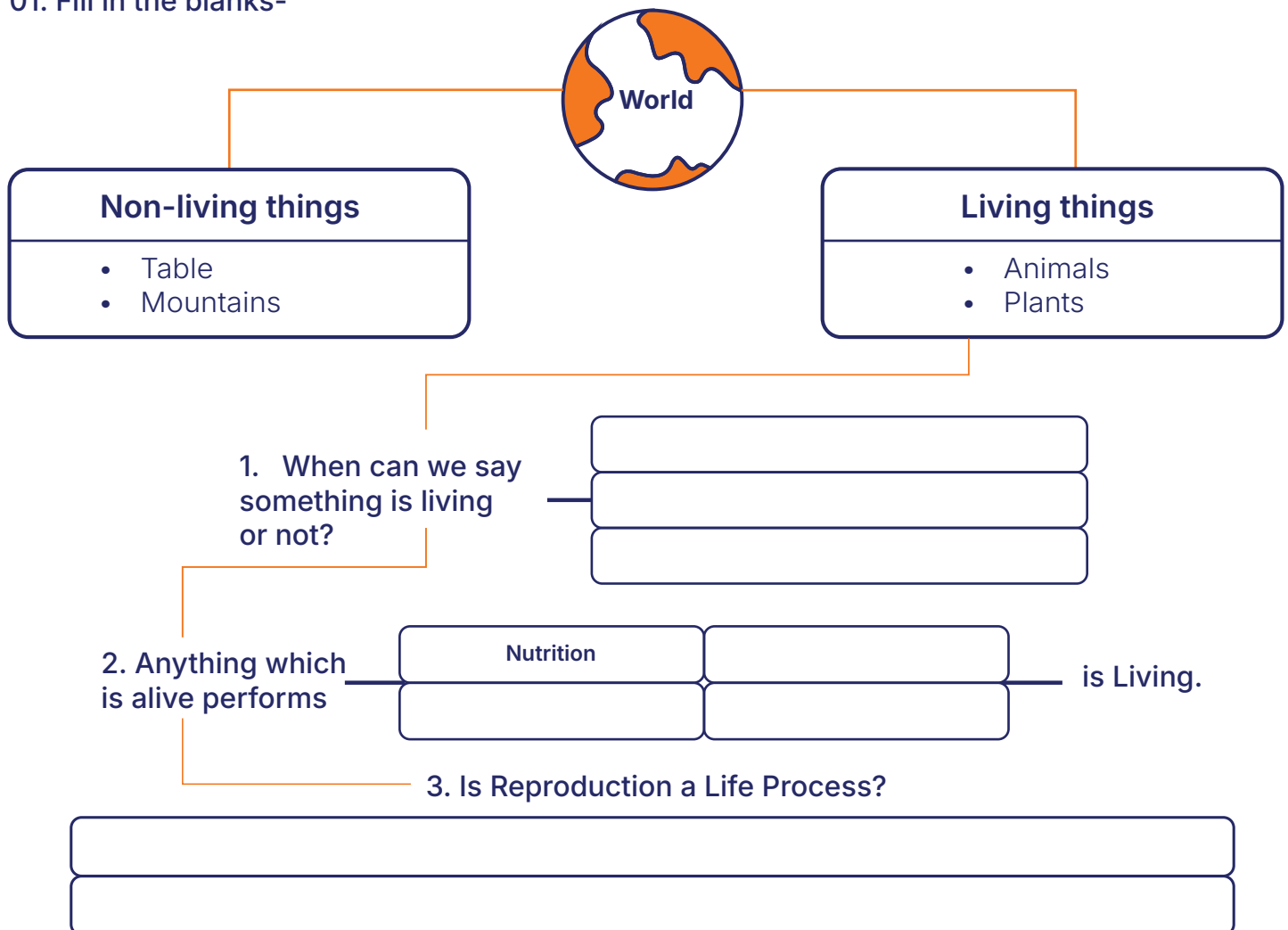
Chapter 1 : Life Process- Nutrition

Student Name : _____

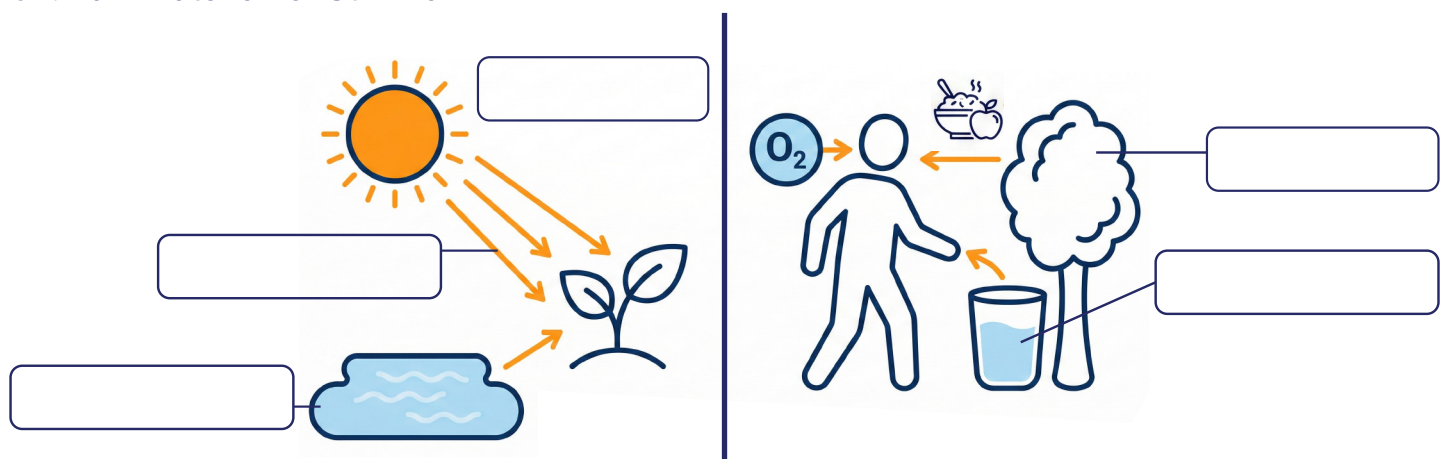
School Name : _____

A. Living and Non-Living Things — Concepts & Classification

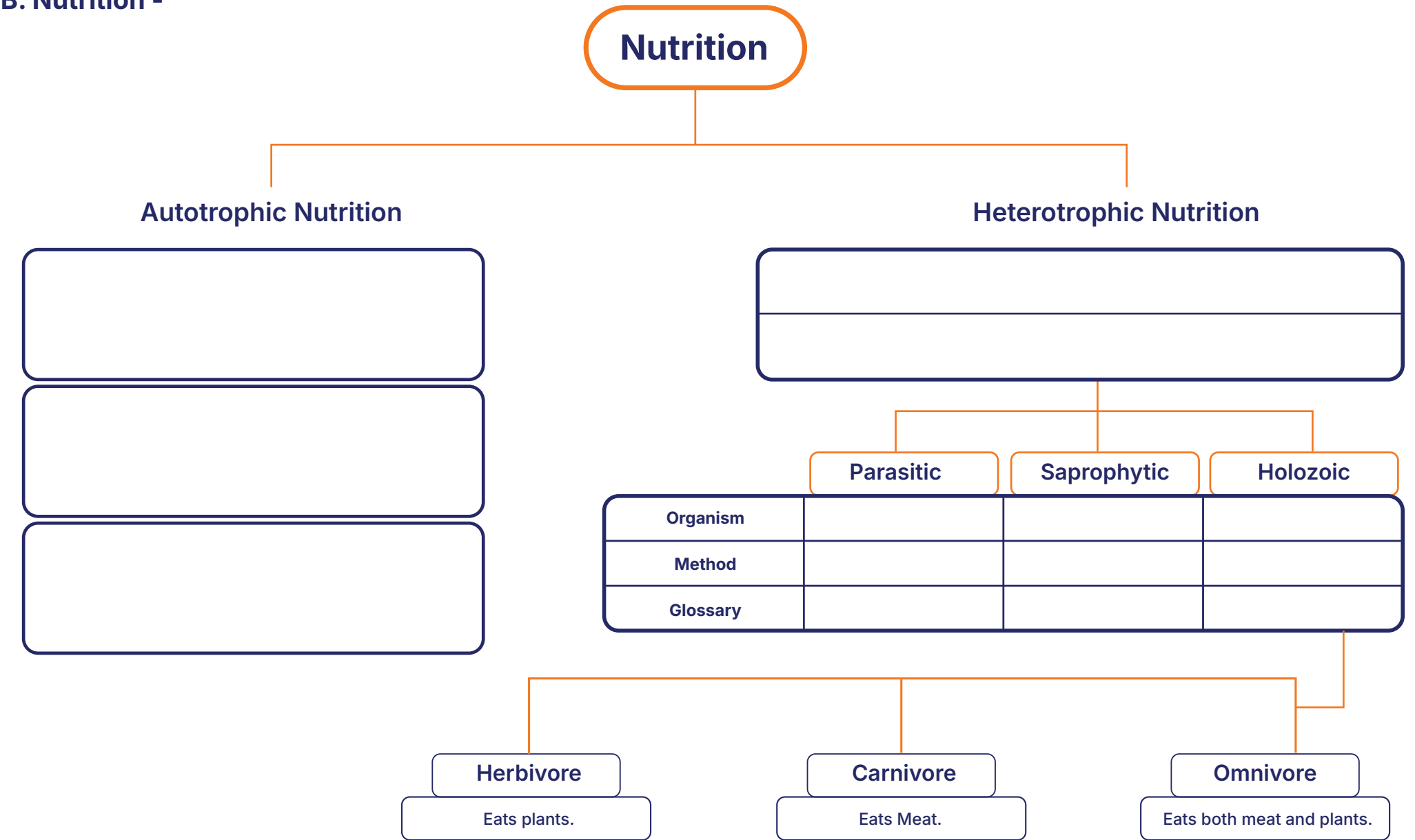
01. Fill in the blanks-



02. Raw Material for Survival-



B. Nutrition -



C. Leaf -

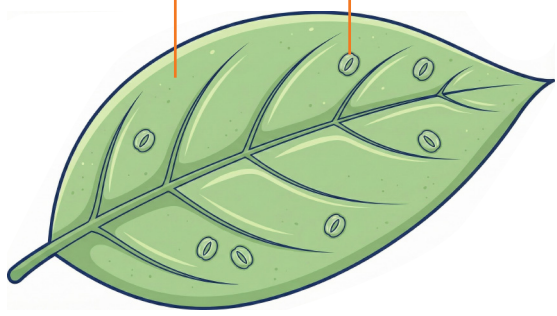
01. Fill in the blanks-

Green Pigment

Function

Small Pores

Function



Upper epidermis

Chloroplasts

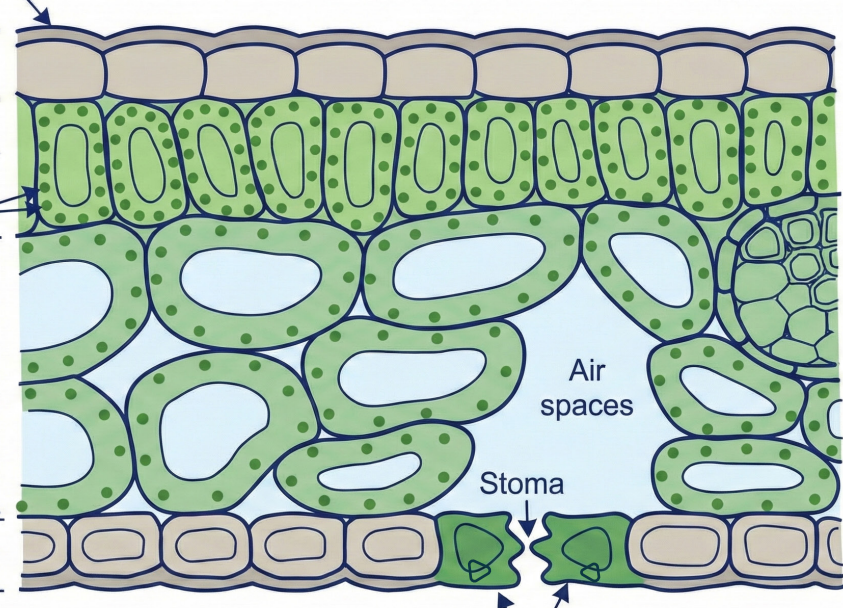
Photosynthetic tissue (Mesophyll)

Air spaces

Stoma

Guard cells

Lower epidermis



02. Opening and closing of stomata-

enters.

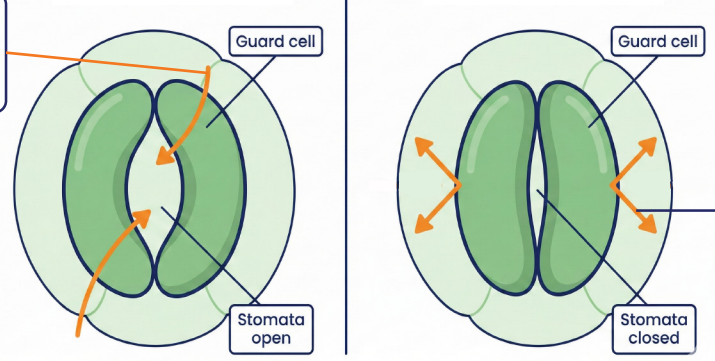
Guard cell

Stomata open

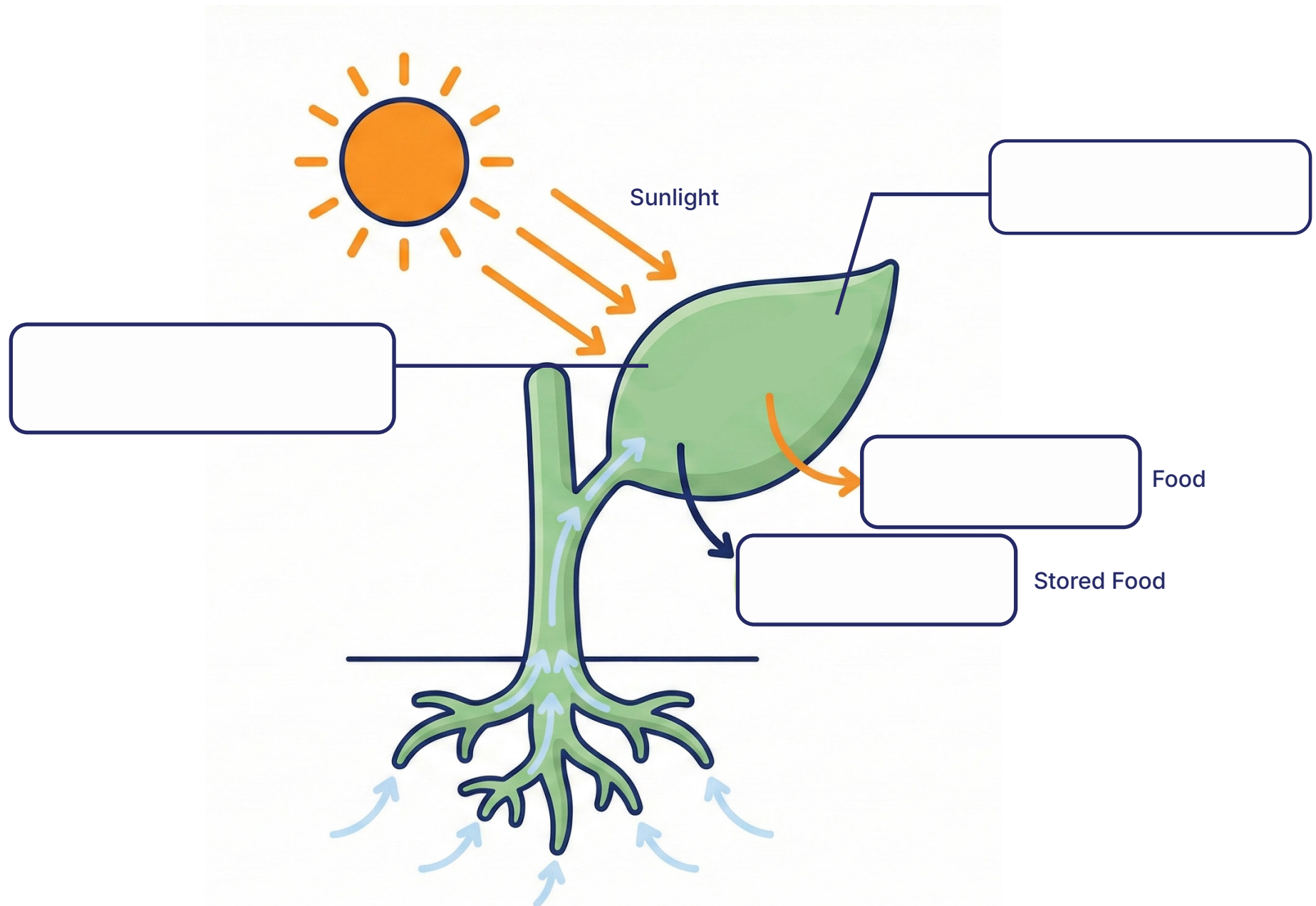
Guard cell

Stomata closed

leaves.



D. Photosynthesis -



01. Write down the role of followings in Photosynthesis-

a. Sunlight-

b. Chlorophyll-

c. Roots-

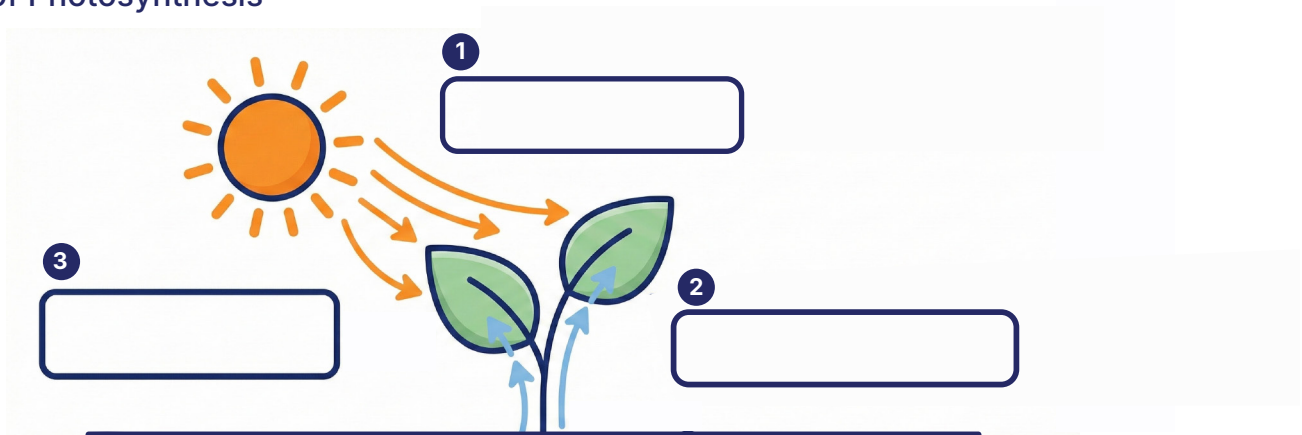
d. Stomata-

e. Photosynthesis converts

energy into

energy.

02. Steps of Photosynthesis-

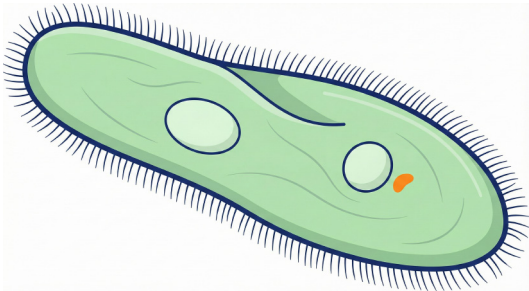


Write an equation-

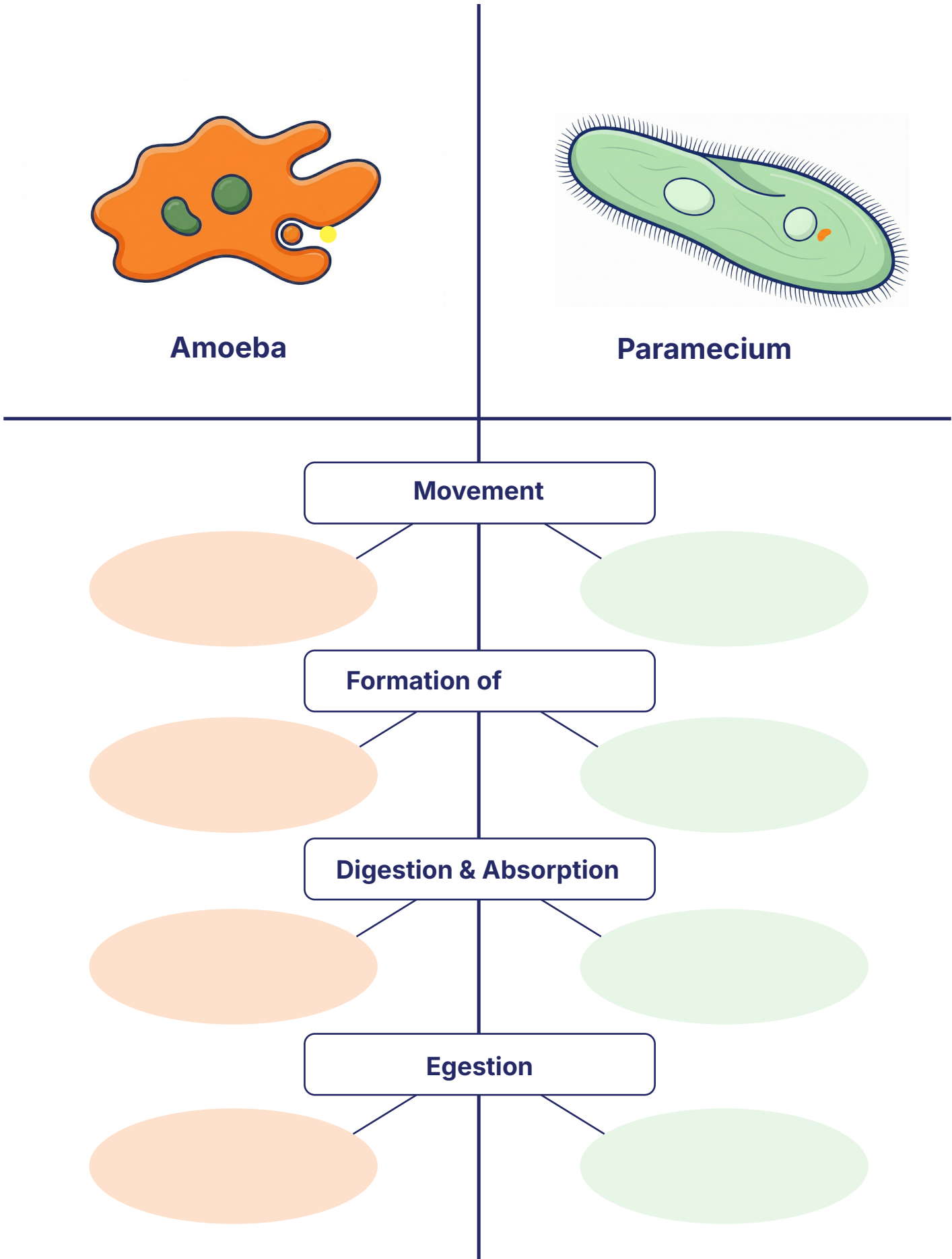
E. Amoeba and Paramecium -



Amoeba

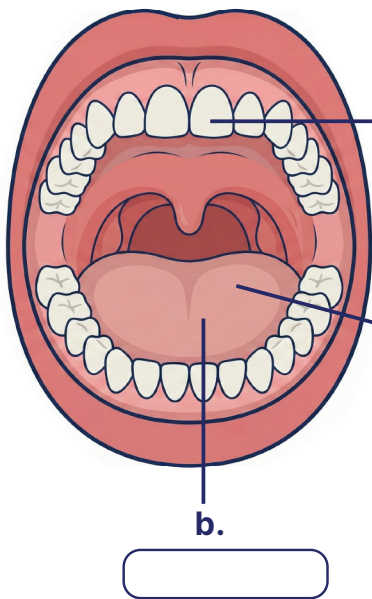


Paramecium



E. Write down the functions of the followings -

1



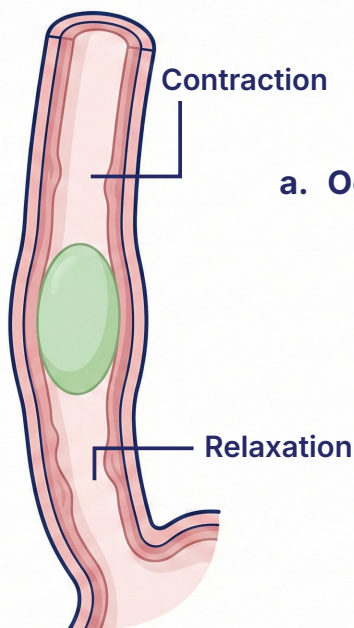
a.

c.

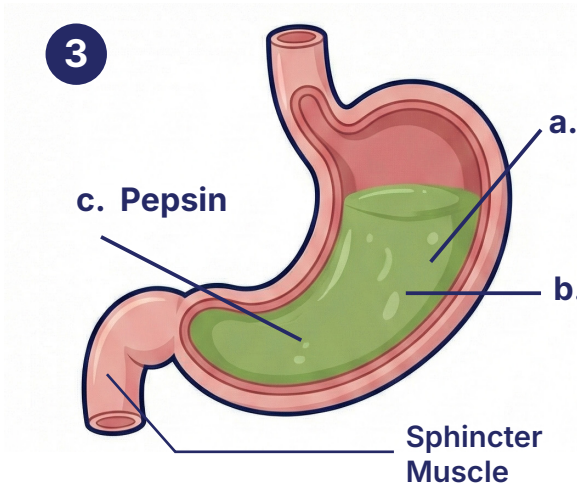
b.

c.

2



a. Oesophagus



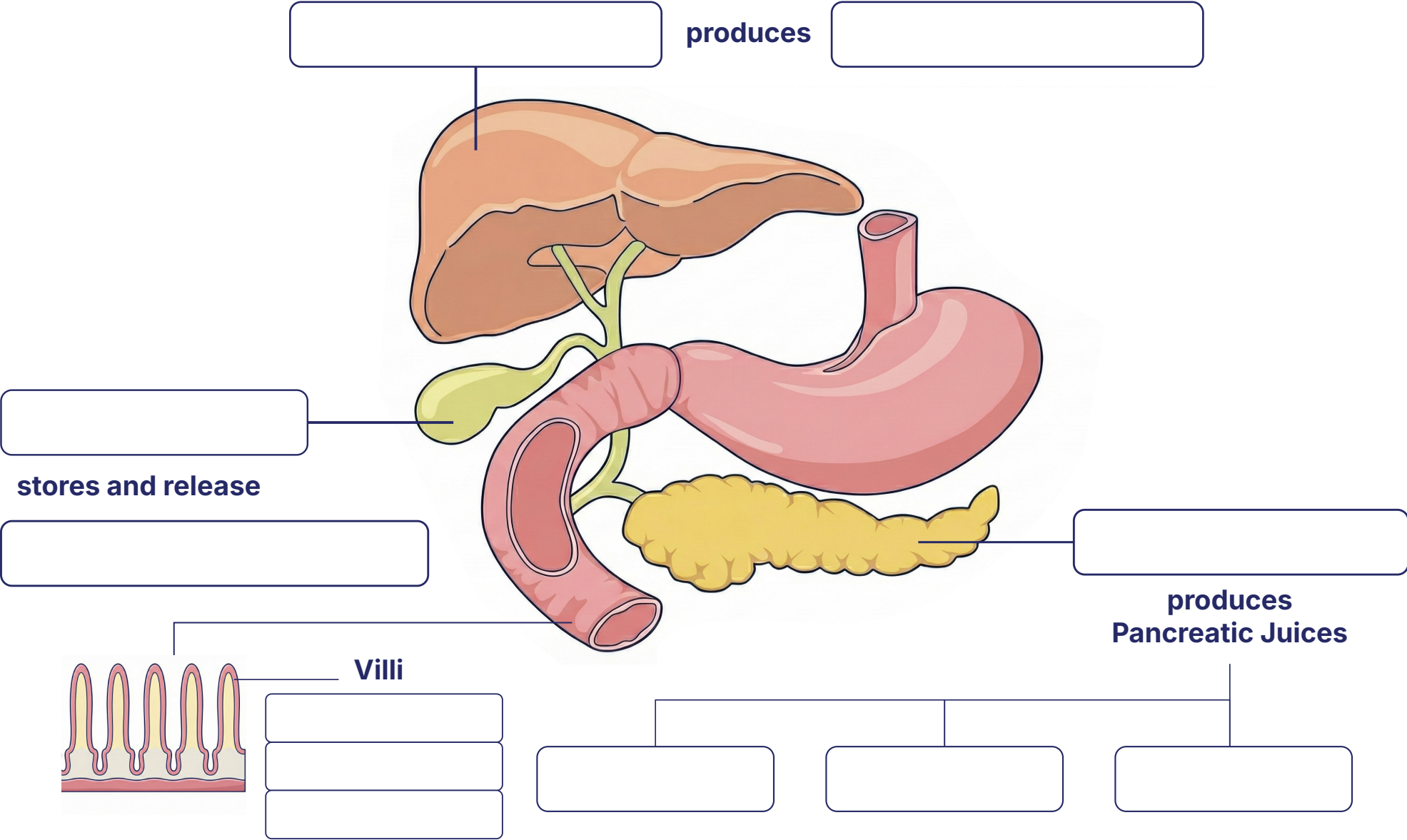
a.

b.

c.

d. What is the function of Sphincter Muscle?

F. Human Digestive System -



01. Answer the followings-

a. Site of complete Digestion -

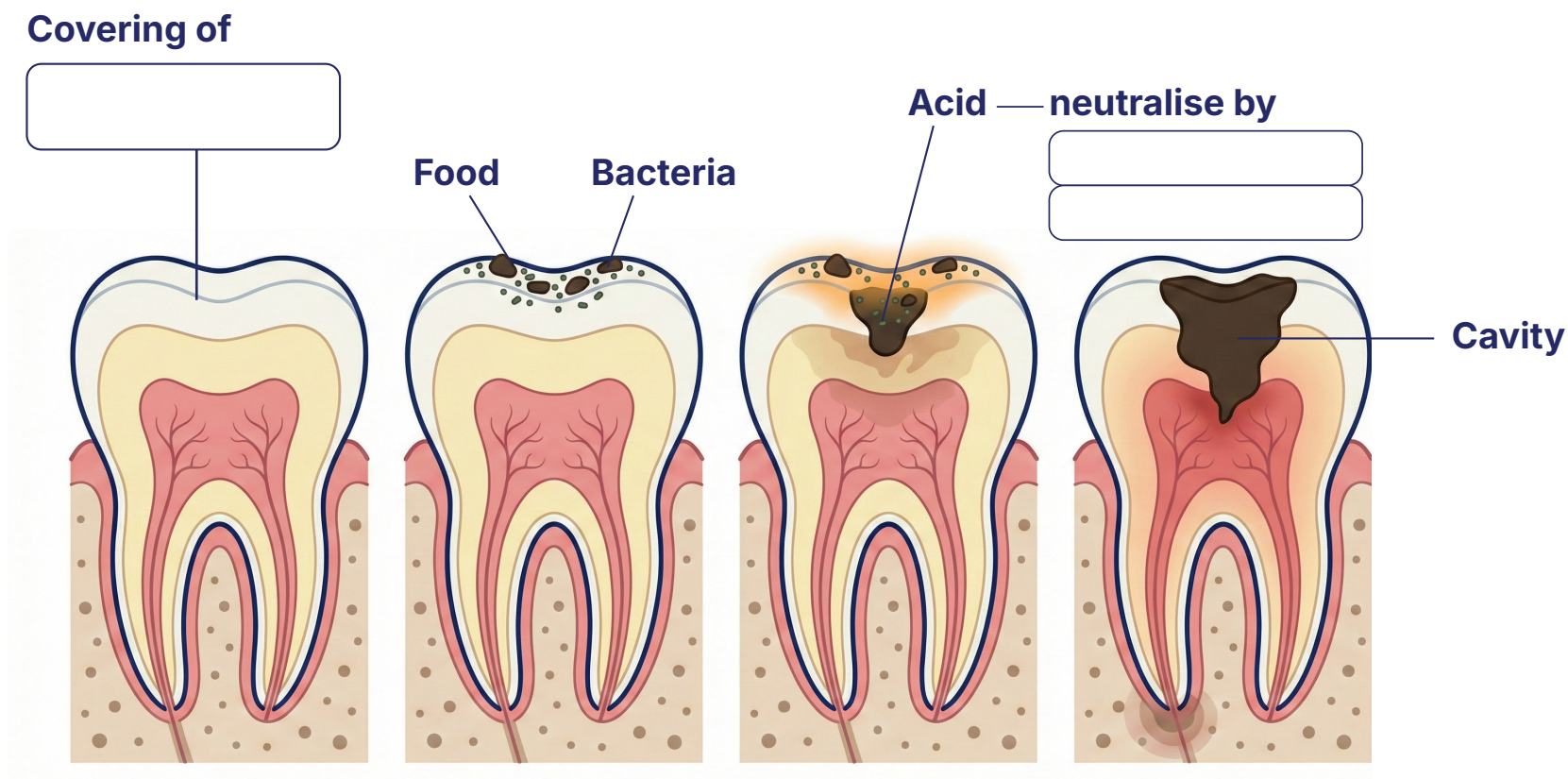
b. Role of Bile -

c. Finger like Projection -

d. Large Intestine -

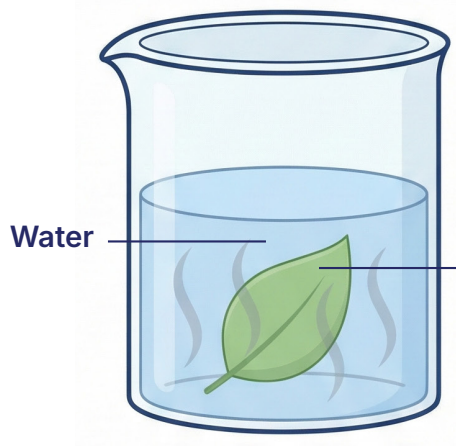
e. Egestion -

G. Tooth Decay -

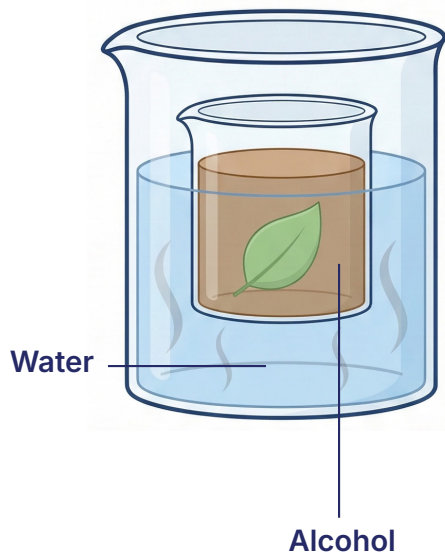


Activity based questions-

01. Activity 1 -



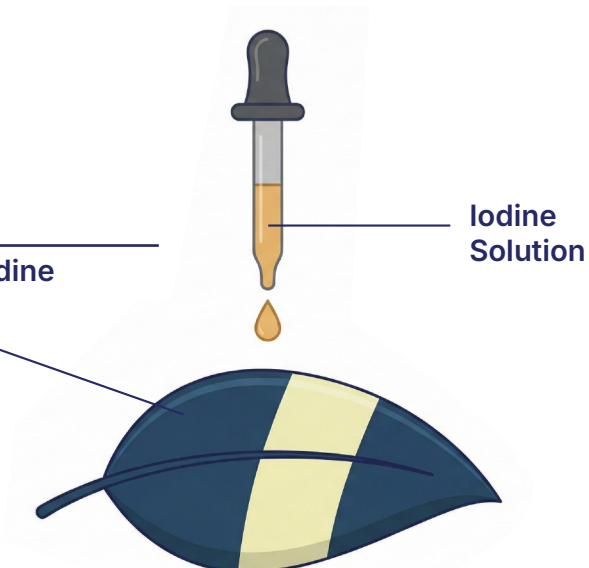
1. What happens when leaf is put in boiling water?



2. What happens when leaf is put inside heating alcohol?

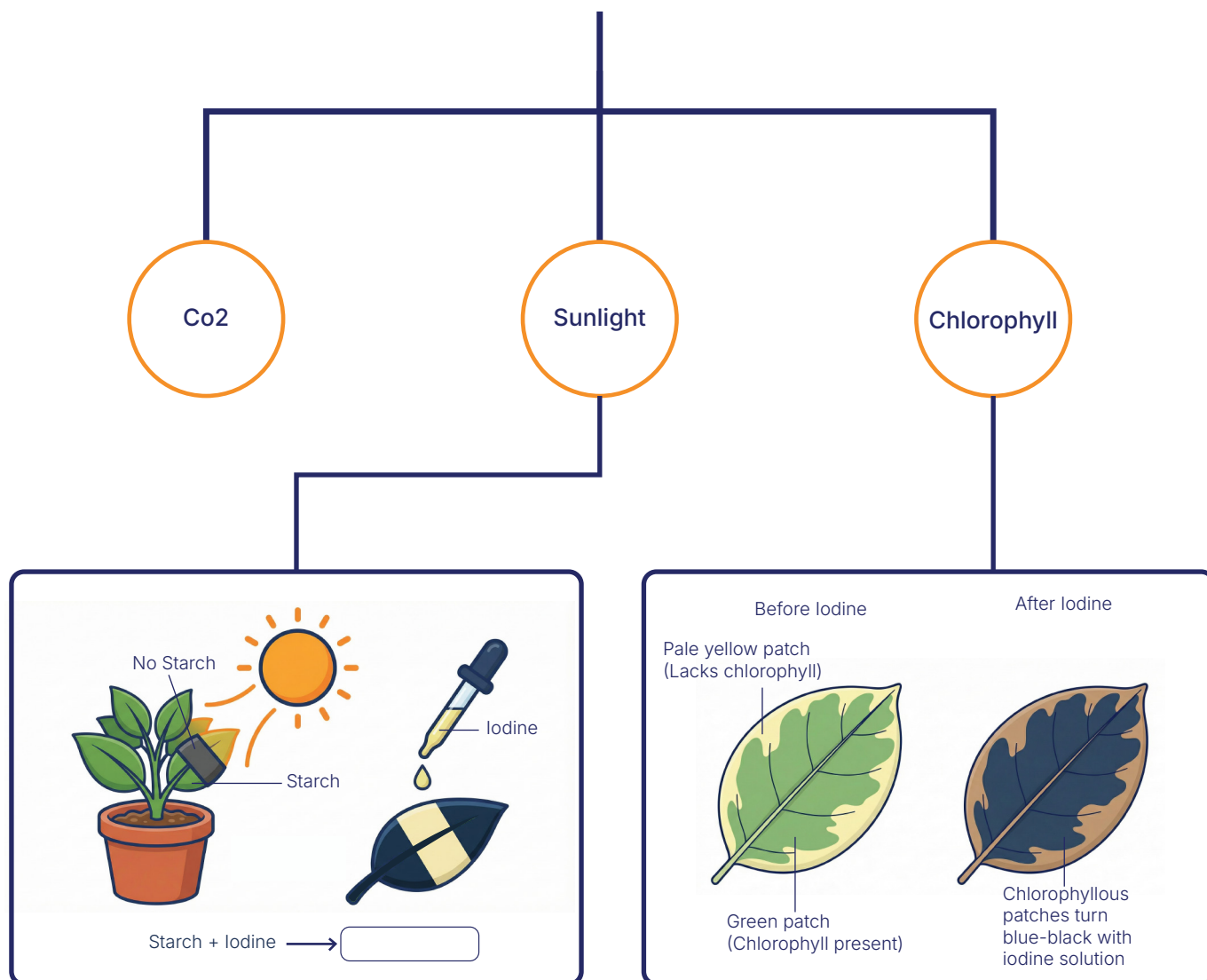
02. Activity 2 -

Starch turns _____
when react with Iodine
Solution.



03. Activity 3 -

Conditions for Photosynthesis



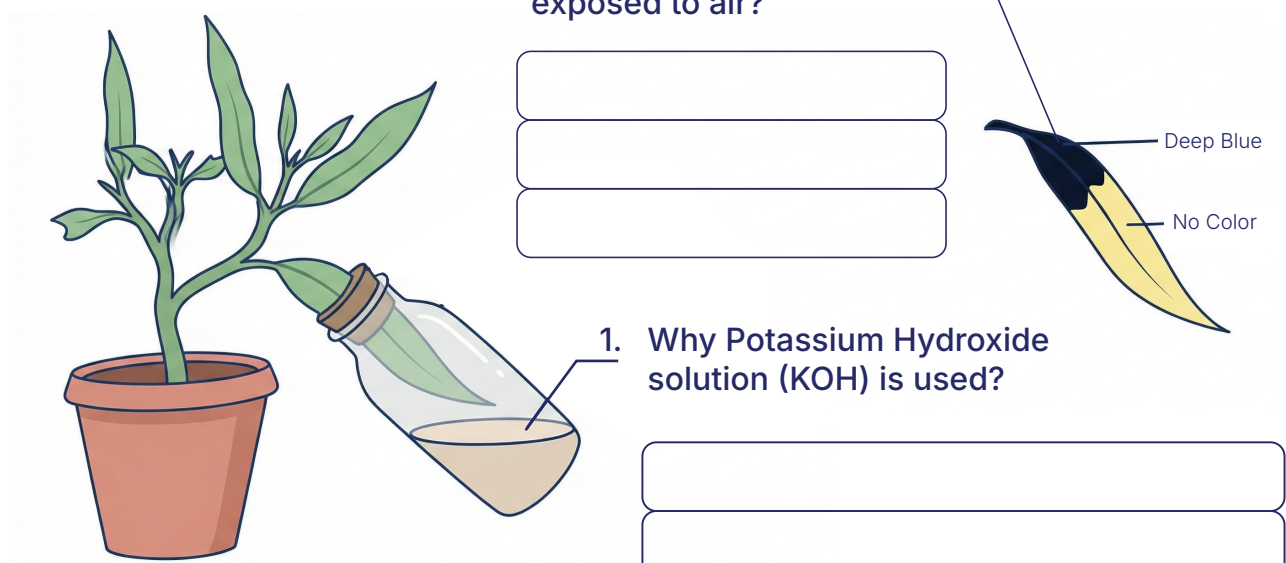
1. What will be colour of leaf at different parts why is this colour different?

2. What Color is observed in non-chlorophyll part?

04. Activity 4 -

2. Why the color is observed in the part which was exposed to air?

1. Why Potassium Hydroxide solution (KOH) is used?




Deep Blue

No Color

05. Activity 5 -

Saliva Present Saliva Absent



1. What happens when starch is added with saliva?

2. Why there is blue black colour when saliva is absent in starch solution?