



## Rosary School – Marj Elhamam

Name: **Answers**

Grade: 6 (A,B,C,D,E)

Date: \_\_\_\_ / \_\_\_\_ / 2025

Subject : Science

### Worksheet 1

#### Question 1:

The diagram below shows an organ system in the human's body.

A) Name the organ system shown on the diagram.

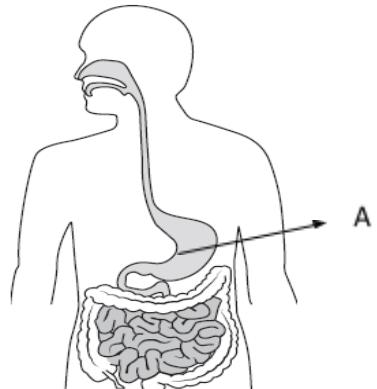
**Digestive system**

B) Name the organ labeled **A** on the diagram. **Small intestine**

C) State two functions carried by this organ. **1. breaks up food 2. Absorbs nutrients**

D) What is meant by the term **organ system**.

**A group of organ working together.**



#### Question 2:

(a) What sort of organ is a beet? **Storage organ**

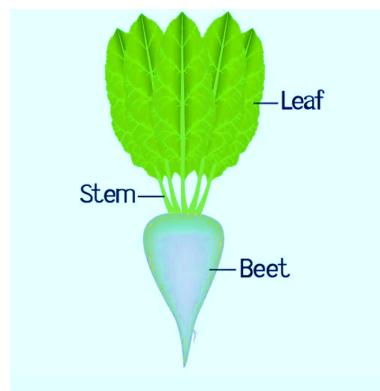
(b) 1. Name **two** tissues you would expect to find in a beet plant root other than the root hair tissue?

**1. Xylem tissue**

**2. Phloem tissue**

2. What does each of these tissues do?

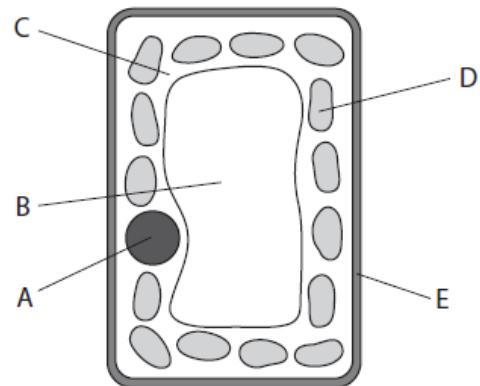
1. **Carries water up from the roots to the rest of the plant.**
2. **Carries food down from the leaves to the rest of the plant.**



### Question 3:

The diagram shows some parts of a typical plant cell labelled A to E.

(a) (i) Give the letter that labels the permanent vacuole. **B**  
(ii) Give the letter that labels the cell wall. **E**  
(b) Give two ways in which this typical plant cell is different to a typical animal cell.



- 1) **The plant cell has a regular shape while the animal cell doesn't.**
- 2) **The plant cell has a vacuole while the animal cell doesn't.**

(c) Name the process occurs in part labeled D. **Photosynthesis**  
(d) Name the part of a living cell is responsible for producing energy? **Mitochondria**

### Question 4:

The words in the box name some structures in the human body.

cells

organs

organ systems

tissues

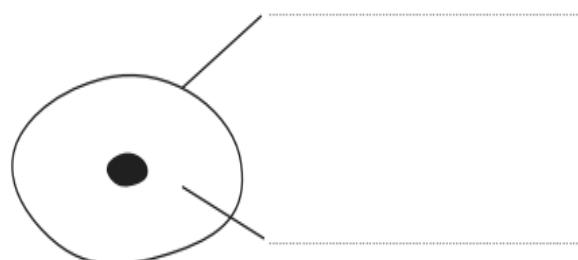
List these structures in their correct order of complexity, starting with the least complex. **Cell → tissue → organ → organ system**

### Question 5:

The diagram shows a typical animal cell.

1. **Cell surface membrane**
2. **Cytoplasm**

Complete the two labels using words from the box.



cell membrane

cell wall

chloroplast

cytoplasm

nucleus

vacuole