

**Student Name:** \_\_\_\_\_**Class:** \_\_\_\_\_**Student ID:** \_\_\_\_\_**Date:** {{DATE}}**Assessment Details**

<b>Duration:</b> 30 minutes	<b>Total Marks:</b> 50
<b>Topics Covered:</b>	<ul style="list-style-type: none"><li>• Plant Structure and Function</li><li>• Photosynthesis</li><li>• Plant Nutrition</li><li>• Gardening Practices</li></ul>

**Instructions to Students:**

1. Read all questions carefully before attempting.
2. Show all working out - marks are awarded for method.
3. Calculator use is permitted except where stated otherwise.
4. Write your answers in the spaces provided.
5. If you need more space, use the additional pages at the end.
6. Time management is crucial - allocate approximately 1 minute per mark.

Section A: Multiple Choice [20 marks]

Question 1

[2 marks]

What is the primary source of energy for plants?

A) Water

B) Soil

C) Sunlight

D) Air

Question 2

[2 marks]

Which of the following is an essential nutrient for plant growth?

A) Carbon dioxide

B) Oxygen

C) Nitrogen

D) All of the above

Question 3

[2 marks]

What is the function of roots in a plant?

A) To absorb sunlight

B) To absorb water and nutrients

C) To produce flowers

D) To release oxygen

Question 4

[2 marks]

What is the process by which plants make their own food?

A) Respiration

B) Photosynthesis

C) Decomposition

D) Fermentation

Question 5

[2 marks]

Which part of the plant is responsible for absorbing water and nutrients from the soil?

A) Roots

B) Stem

C) Leaves

D) Flowers

**Question 6**

**[4 marks]**

Describe the main differences between a flowering plant and a non-flowering plant.

**Question 7**

**[4 marks]**

What are the characteristics of a succulent plant?

**Question 8**

**[4 marks]**

How do deciduous plants adapt to changing seasons?

**Question 9**

**[4 marks]**

What is the importance of soil in plant growth?

Describe the process of photosynthesis and its importance for plant growth.



**Question 11**

**[10 marks]**

Label the different parts of the plant diagram below:

1. Roots	_____
2. Stem	_____
3. Leaves	_____
4. Flowers	_____