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Level 2 Biology, 2004

90463 Describe diversity in the structure and function of plants

Credits: Three

Achievement Criteria		<i>For Assessor's use only</i>			
Achievement		Achievement with Merit		Achievement with Excellence	
Describe diversity in the structure and function of plants.	<input type="checkbox"/>	Explain diversity in the structure and function of plants.	<input type="checkbox"/>	Discuss diversity in the structure and function of plants.	<input type="checkbox"/>
Overall Level of Performance					<input type="checkbox"/>

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You are advised to spend 35 minutes answering the questions in this booklet.

Plants show a great diversity of structures and functions. This has allowed plants to be found in a wide range of different habitats.

This assessment requires you to **describe** the differences that exist between two plants or plant groups for ONE life process. It also asks you to **discuss** the diversity in structure and function for the ONE life process.

Select ONE of the following life processes and **circle** it:

- Photosynthesis
- Transport of materials
- Reproduction

In the boxes below, write the TWO different plants or plant groups that you will use in your answer. Choose plants or plant groups that clearly show diversity in the way they manage the process you have circled above.

Plant or plant group 1:	Plant or plant group 2:

Clearly labelled diagrams may be used in your answers.

QUESTION ONE

Describe how each plant or plant group **varies** from the other in the way that the life process you have selected is carried out.

Plant or plant group 1:

Plant or plant group 2:

QUESTION TWO

Discuss how each plant or plant group's chances of survival in its natural habitat are improved by its special adaptations to carry out the life process.