

## NZQA Plant reproduction questions 2004 to 2010.

**2010**

### PART ONE

(This part should be answered for each of the three plant groups you have chosen, for the biological process you have named in the box on the previous page.)

Accurately describe at least THREE structures involved in the process for each plant group. Explain how the structures you have described enable each plant group to carry out the biological process so that the group can survive in its environment.

### PART TWO

Discuss why there is diversity in the structure and function of at least TWO of your chosen plant groups in Part One in relation to your chosen biological process.

**2009**

### PART ONE

For the biological process you have named on page 2, and for EACH of the three plant groups chosen:

- Describe at least THREE structures and their related functions.
- Explain how the features of these structures enable them to carry out their functions.

Diagrams may be used in your response, but they must be clearly labelled.

### PART TWO

Compare and contrast at least TWO of your chosen plant groups to discuss why there is diversity in the structure and function in relation to your chosen biological process.

**2008**

### QUESTION ONE

(This question should be answered for each of the plant groups you have chosen, but only for the biological process you have named in the box on page 2.)

Describe the structures involved, how they work, and explain how they allow each group to survive in their environment.

Diagrams may be used in your response, but they must be clearly labelled.

### QUESTION TWO

Discuss the reasons for diversity in the structure and function of your chosen plant groups, in relation to your chosen biological process, and the environments they live in.

(You should compare and contrast between at least TWO of your chosen plant groups.)

**2007**

### QUESTION ONE

For each of the plant groups you have chosen, describe the structures involved in the biological process you have named. In each case, describe how these structures function, and explain how they allow each group to survive in their habitat.

Diagrams may be used in your response, but they must be clearly labelled.

### QUESTION TWO

Discuss why diversity exists across your chosen plant groups, in order for them to survive and be successful in their habitats

**2006**

### QUESTION ONE

Different adaptations enable different plant groups to survive successfully in their habitats. You are required to describe and give reasons for how your chosen biological process is carried out by your three plant groups. You may use clearly labelled diagrams in your response.

### QUESTION TWO

Discuss the reasons for the diversity in the structure and function for the biological process in your plant groups.

**2005**

### QUESTION ONE

Describe in general terms the purpose of the biological process you have selected.

### QUESTION TWO

(a) Compare the structure and function of Three plant groups for the biological process you have described on page 2:

(b) With respect to the environment of each plant group, evaluate why there is diversity in the structure and function for your named biological process. You may refer to your answer in part (a).

**2004**

### 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.