

Question 1

2. The Physical Environment



Examine the photographs above and answer each of the following questions.

- (i) Match each of the photographs **A**, **B**, **C** and **D** with the type of lake that best matches it in the table below.
- (ii) Indicate, by ticking the correct box whether each of the types of lake named in the table below is most associated with glacial, fluvial or karst landscapes.

Q.2(i)	Type of Lake	Q.2(ii)		
Letter		Glacial Landscape (✓)	Fluvial Landscape (✓)	Karst Landscape (✓)
	Pater noster lake			
	Ox-bow lake			
	Tarn			
	Turlough			

Question 2

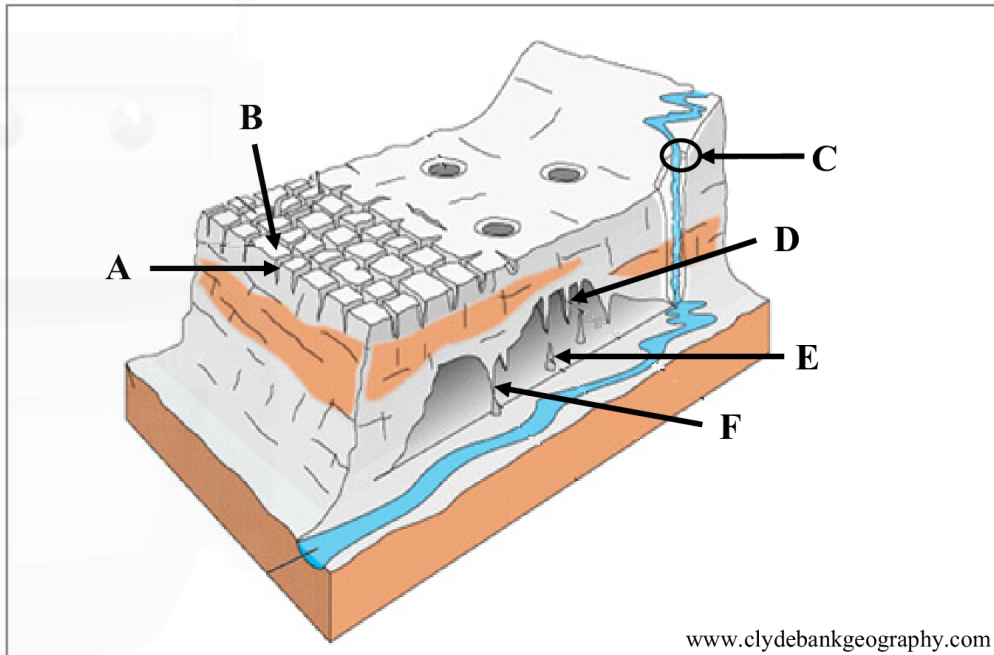
B. Landscape Development

Examine how different rock types produce distinctive landscapes, with reference to examples that you have studied.

[30m]

Question 3

A. Karst Landscapes



Examine the diagram above and answer each of the following questions.

- (i) Name each of the landforms **A**, **B**, **C**, **D**, **E** and **F**.
- (ii) Name any **two** processes of chemical weathering.
- (iii) State what is meant by the term *permeable rock* and name an example of a permeable rock.

[20m]

Question 4

C. Sedimentary Structures

Examine how sedimentary structures, such as bedding planes and joints, influence the development of landforms.

[30m]

Question 5

B. Limestone Pavement

With the aid of a diagram(s), explain how chemical weathering has shaped the limestone pavement in a karst region.

[30m]

Question 6

A. Karst Landscape



Examine the photograph and answer the following questions in your answer book:

- (i) What is the name of the feature marked **A**?
- (ii) What is the name of the feature marked **B**?
- (iii) What is the name of the overall feature in the photograph?
- (iv) Name **one** process which helped to form these features.
- (v) Name the type of rock most associated with these features.

Question 7

C. Karst Landscape

With reference to the Irish landscape, examine the processes which have influenced the development of any **one underground** landform in a karst region.

[30m]