



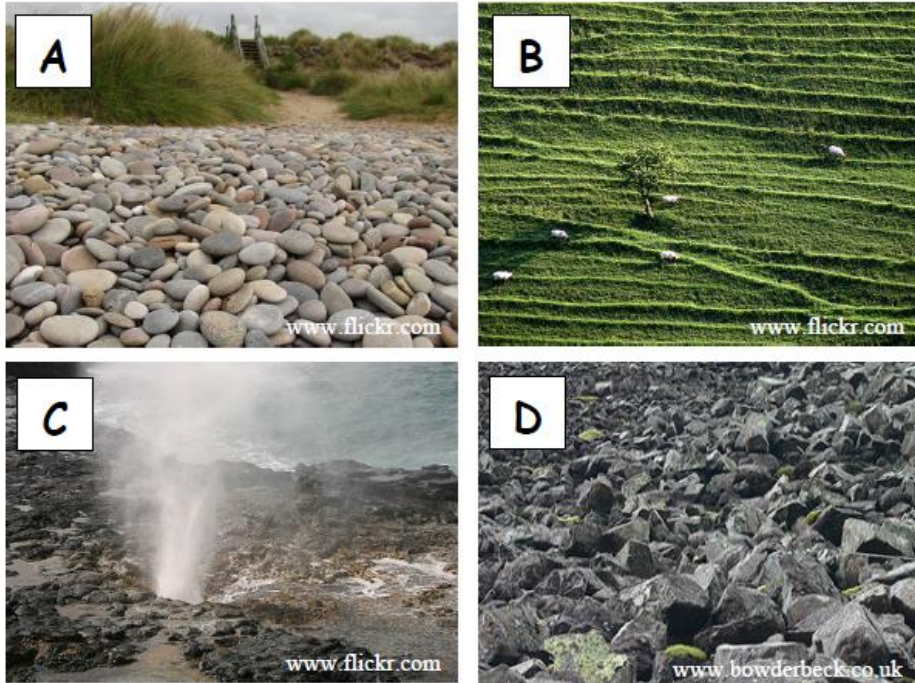
The Sea

Geography past Exam Questions

Higher Level

Part A – Q4

4. Physical Features and Processes



Examine the photographs and answer each of the following questions in the table below.

- (i) Insert the letter which best matches each of the photographs with its correct description.
- (ii) Insert the correct process from the following list, which best matches the process at work in each of the photographs:
 - Air pressure
 - Freeze thaw action
 - Attrition
 - Soil creep.

Description of Photograph	(i) Letter	(ii) Process at Work
Scree		
Pebble beach		
Blow hole		
Terracettes		

[8m]

Section 1 – Q2 B

B. Landform Development

Answer (i) or (ii).

- (i) Explain with the aid of a labelled diagram(s) the formation of **one** landform of erosion that you have studied.

Or

- (ii) Describe and explain **one** process of mass movement that you have studied.

[30m]

2012

Section 1 – Q2 B

B. Landform Development

Answer (i) or (ii).

- (i) Explain with the aid of a labelled diagram(s) the formation of **one** landform of deposition that you have studied.

Or

- (ii) Describe and explain **one** process of mass movement that you have studied.

[30m]

Q2 C

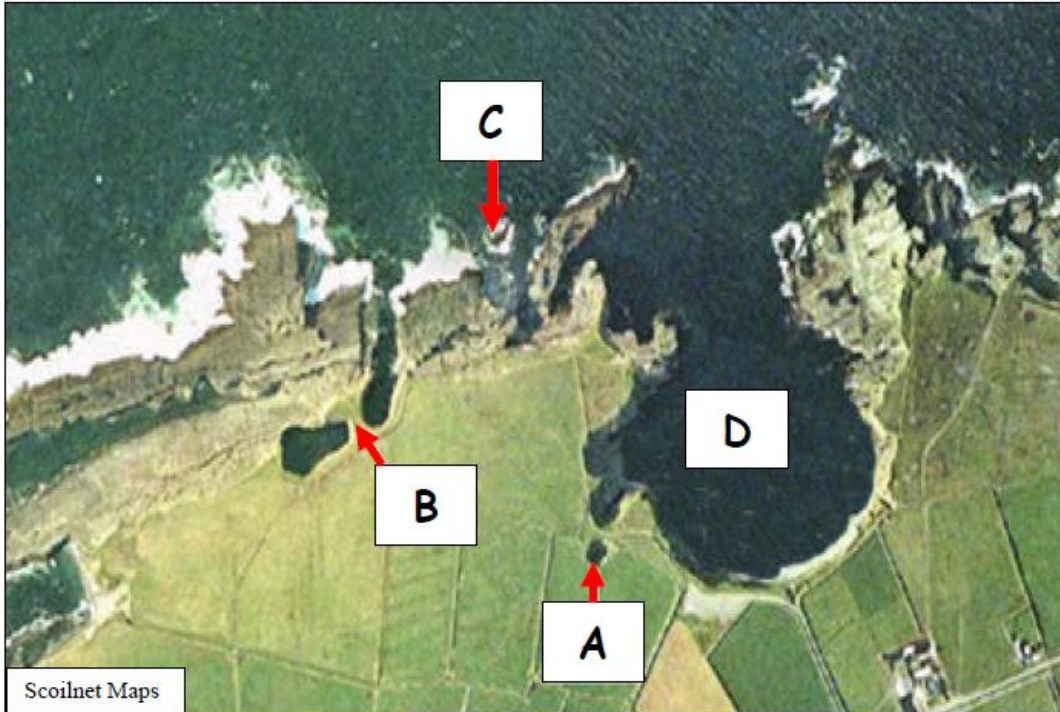
C. Surface Processes

Examine, with reference to example(s) that you have studied, how human activities have impacted on **either** river, coastal **or** mass movement processes.

[30m]

Part A – Q5

5. Coastal Landforms



Examine the aerial photograph above.

Match **each** of the letters **A** to **D** with the correct landform in the table below.

Landform	Letter
Sea stack	
Blowhole	
Bay	
Sea arch	

[8m]

Section 1 – Q1 C

C. Human Interaction

Explain, with reference to example(s) that you have studied, how human activities have impacted on the operation of any **one** of the following surface processes:

- Mass movement processes
- River processes
- Coastal processes.

[30m]

Q2 B

B. Landform Development

The area shown on the 1:50000 Ordnance Survey map which accompanies this paper has been shaped by fluvial, glacial, coastal and mass movement processes.

Answer (i) or (ii).

- (i) Name **one** landform on the Ordnance Survey map that was formed by fluvial **or** glacial **or** coastal processes **and** give a six figure grid reference for its location. Describe and explain with the aid of diagram(s) the processes involved in the formation of this landform.

OR

- (ii) Identify an area on the Ordnance Survey map which has very steep slopes **and** give a six figure grid reference for its location. Describe and explain **one** mass movement process which might operate in an area such as this.

[30m]

2010

Section 1 – Q1 B

B. Landform Development

Answer (i) or (ii)

- (i) Examine, with the aid of a labelled diagram or diagrams, the processes that have led to the formation of any **one** Irish landform of erosion **or** deposition of your choice.

Q3 B

B. Human Interaction

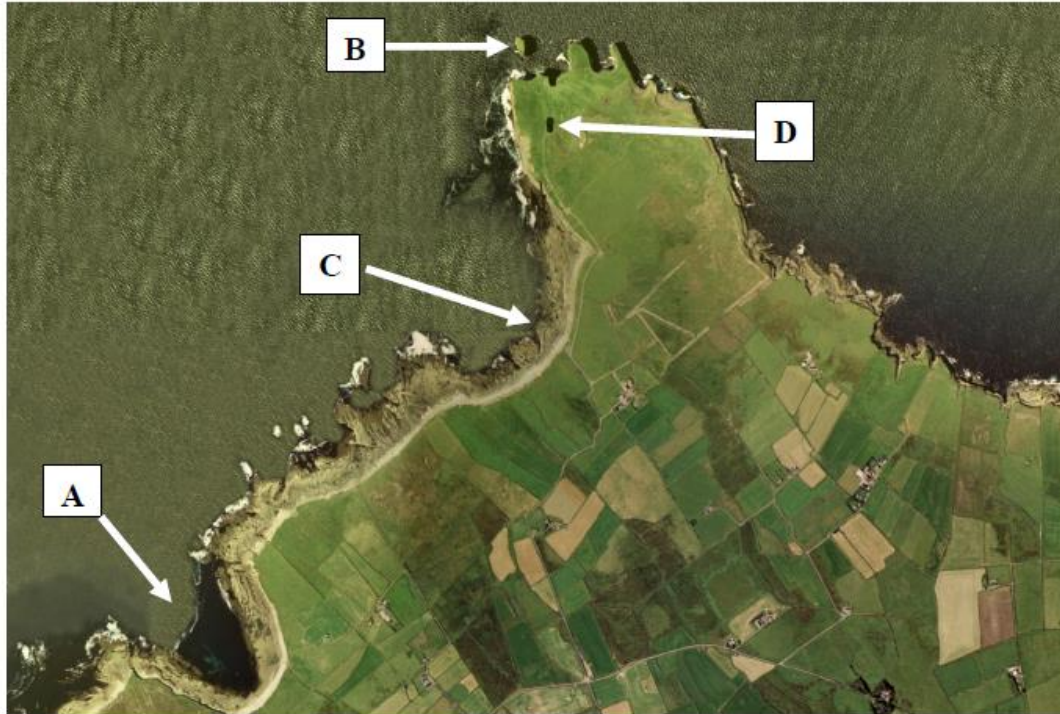
With reference to an example you have studied, describe and account for **one** way in which humans attempt to influence or control natural processes. In your answer, refer to **one** of the following:

- Fluvial processes
- Marine processes
- Mass movement.

[30m]

Part A – Q8

8. Coastal Landforms



Examine the photograph above. Pair each of the letters **A** to **D** with the correct feature in the table below:

Feature	Letter
Wave Cut Platform	
Bay	
Blow Hole	
Sea Stack/Stump	

[8m]

Section 1 – Q1 C

C. LANDFORM DEVELOPMENT

Examine, with the aid of labelled diagram/diagrams, the processes which have shaped **one** Irish landform of your choice.

[30m]

Q3 C

C. HUMAN INTERACTION

Examine, with reference to **one** of the following, how human activities can impact on surface processes:

- Mass movement processes
- River processes
- Coastal processes.

[30m]

2008

Part A – Q12

12. Landforms

In the space provided, match **each** of the named landforms in Column X with the description in Column Y:

Column X		Column Y			
Meander	A	Marine Action	1	A	
Moraine	B	Weathering	2	B	
Sandspit	C	Fluvial Action	3	C	
Scree	D	Glacial Action	4	D	

[8]

Section 1 – Q1 B

B. LANDFORM DEVELOPMENT

Examine, with the aid of a labelled diagram or diagrams, the processes that have led to the formation of any **one** Irish landform of your choice.

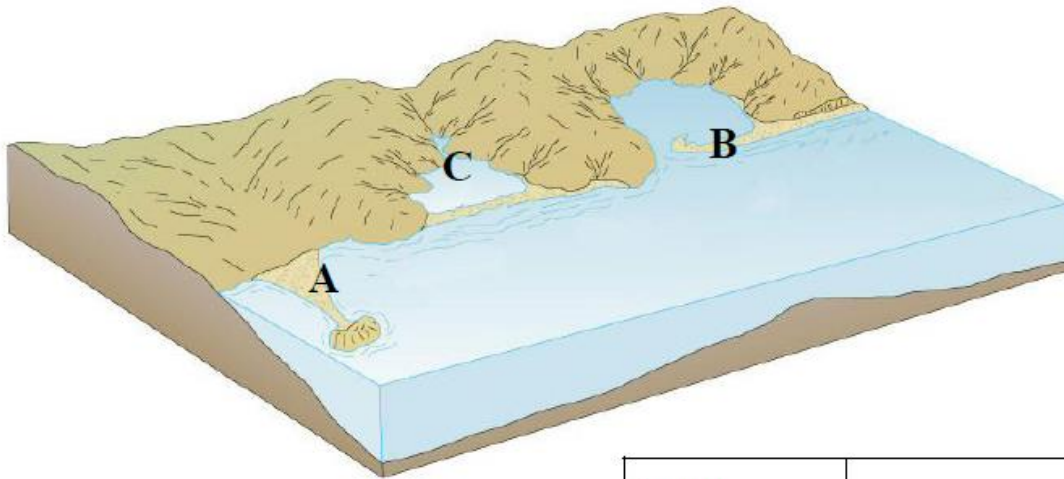
[30m]

Part A – Q6

6 Coastal Landforms

Examine the diagram below, showing a coastal landscape.

Match each of the following landforms with its correct letter in the diagram



Lagoon	
Sandspit	
Tombolo	

Which of these is the main process active in the formation of the landforms listed above: <i>Erosion</i> / <i>Deposition</i> ?	
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[8]

Section 1 - Q2 B

B LANDFORM DEVELOPMENT

With the aid of a labelled diagram, examine the processes that have led to the formation of any **one** Irish landform of your choice.

[30m]

Q3 C

C HUMAN INTERACTION

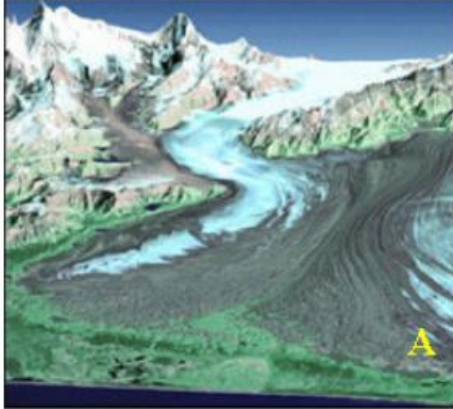
Discuss how **one** of the following could impact on the landscape:

- Deforestation
- Coastal management
- Flood control

[30m]

Part A – Q10

10 Photograph Interpretation



Source: USGS

Insert the correct letter A to D in the boxes below, to identify the various images.

Volcano (Mt. Etna)	
Delta (Mississippi)	

Deforestation (Brazil)	
Glacier (Alaska)	

Section 1 – Q2 A

A COASTAL LANDFORMS



In your answer-book, identify each of the landforms labelled A to D in the above diagram. [20m]

Q2 B

B LANDFORM DEVELOPMENT

With the aid of a labelled diagram, examine the processes that have led to the formation of any **one** Irish landform of your choice – **excluding** those shown in the above photograph. [30m]

Q2 C

C HUMAN INTERACTION

Examine how human processes can have an impact on the operation of **one** of the following natural processes:

- Mass movement processes
- River processes
- Coastal processes.

[30m]