



## **Rivers**

### **Geography Marking Scheme**

#### **Higher Level**

## Section 1 – Q1 C

### C. Fluvial Adjustment

Explain how rivers adjust to a change in base level, with reference to example(s) that you have studied.

[30m]

Adjustment identified	2 marks
Example	2 marks
Explanation	13 x SRPs

- Credit 2<sup>nd</sup> named adjustment for 1 x SRP
- All further adjustments require explanation
- Credit 2<sup>nd</sup> named example for 1 x SRP
- Credit relevant labelled diagram for 1 x SRP
- Credit extra relevant information on labelled diagram for 2 x SRPs
- Diagram without labelling 0 marks.

**Q2 C**

**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.

[30m]

Named landform	2 marks
Labelled diagram	4 marks (graded 4/2/0)
Explanation	12 × SRPs

- Credit extra relevant information on labelled diagram for 2 × SRPs
- Diagram without labelling 0 marks
- Credit 1 × SRP for two named examples from explanation.

**Or**

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

[30m]

Process named	2 marks
Explanation	14 × SRPs

- Credit 1 SRP for relevant labelled diagram
- Credit extra relevant information on labelled diagram for 2 × SRPs
- Diagram without labelling 0 marks
- Credit one example from explanation
- Allow max 7× SRPs if description of mass movement only.

## 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.

[30m]

Named landform	2 marks
Labelled diagram	4 marks (graded 4/2/0)
Explanation	12 × SRPs

- Credit extra relevant information on labelled diagram for 2 × SRPs
- Diagram without labelling = 0 marks
- Credit 2 × SRPs for description of landform when only a description of the landform is given
- Allow 1 SRP for example from explanation

Or

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

[30m]

Process named	2 marks
Discussion	14 × SRPs

- Credit 1 SRP for relevant labelled diagram
- Credit extra relevant information on labelled diagram for 2 × SRPs
- Diagram without labelling = 0 marks
- Credit one example from discussion
- Allow max 7× SRPs if description of mass movement only

## 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]

Human activity identified	2 marks
Impact identified	2 marks
Named example	2 marks
Examination	12 x SRPs

- Credit 1 SRP for relevant labelled diagram
- Credit extra relevant information on labelled diagram for 2 x SRPs
- Credit 2<sup>nd</sup> example named from examination
- All further examples require examination
- All further impacts require examination
- Examples not tied to Ireland
- Credit 2 x SRPs for description of human activity when only a description of human activity is given
- Amalgamate all relevant discussion

2011

Part A – Q7

- Q.7 D - Fluvial
- B - Glacial
- C - Glacial
- A - Fluvial

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]

Human activity identified	2 marks
Impact identified	2 marks
Named example	2 marks
Discussion	12 x SRPs

- Credit 2<sup>nd</sup> example from discussion
- All further examples and impacts require discussion
- Examples not tied to Ireland
- Amalgamate all relevant discussion.

**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.

Named landform	2 marks
Six figure grid reference	2 marks
Process named	2 marks
Labelled diagram	4 marks graded
Explanation	10 × SRPs

- Give credit for extra labelling in diagram(s) from explanation
- Feature **or** process can be starting point
- Max 2 SRPs if description only of 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]**

Six figure grid reference	2 marks
Process identified	2 marks
Explanation	13 × SRPs

- Credit relevant diagrams with extra information
- Give credit for 1 SRP for diagram without annotation
- Accept a broad interpretation of describe / explain.

## 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.

Landform identified:	2 marks
Named process:	2 marks
Irish example:	2 marks
Labelled diagram:	2 marks + 2 marks
Examination:	10 x SRPs (Significant Relevant Point = 2 marks)

- Give credit for labelling in diagram from examination
- Feature **or** process can be starting point
- Max 2 SRP's if description only

OR

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

[30m]

Mass Movement identified:	2 marks
Examination:	14 x SRPs

- Give credit for 2 SRPs for examples provided
- Give credit for labelling in diagram from examination
- Give credit for 1 SRP for diagram without annotation
- Max 2 SRPs for effects / solutions
- Accept a broad interpretation of describe / explain



**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]

Influence / Control identified:	2 marks
Named Example / Location:	2 marks
Reference to natural process:	2 marks
Discussion:	12 x SRPs

- Max 6 SRPs for discussion without reference to influence or control
- Question not tied to Ireland
- Amalgamate all relevant discussion

2009

Part A – Q10

Q10 Arête  
Cirque/Corrie/Tarn  
Ox-bow Lake/Mort Lake  
Meander

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]

Landform identified:	2 marks
One named process:	2 marks
Irish example:	2 marks
Labelled diagram:	4 marks graded
Examination:	10 x SRPs

- Give credit for 1 SRP for diagram without annotation.
- Give credit for extra labelling in diagram from Examination SRPs
- Feature or process can be starting point.
- If description only -2 x SRPs max

### 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]

Impact identified:	2 marks
Named Example:	2 marks
Reference to surface processes:	2 marks
Discussion:	12 x SRPs

- Mere discussion without reference to impact = Max 6 xSRPs
- Credit 2<sup>nd</sup> example from discussion
- Examples not tied to Ireland
- Amalgamate all relevant discussion

## 2008

### 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]

Landform identified:	2 marks
One named process:	2 marks
Irish example:	2 marks
Labelled diagram:	4 marks graded
Examination:	10 x SRPs

- Give credit for 1 SRP for diagram without annotation.
- Give credit for extra labelling in diagram from Examination SRPs
- Feature or process can be starting point.
- If description only -5 x SRPs max

### Q1 C

#### C. 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]

Influence / control identified:	2 marks
Named Example:	2 marks
Reference to natural processes:	2 marks
Discussion:	12 x SRPs

- Mere discussion without tie into influence / control = Max 6 xSRPs
- Credit 2<sup>nd</sup> example from discussion
- Examples not tied to Ireland
- Amalgamate all relevant discussion

2007

Section 1 - Q2 B

B LANDFORM DEVELOPMENT

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

(30 marks)

Landform identified:	2 marks
One named process:	2 marks
Irish example:	2 marks
Labelled diagram:	6 marks (graded)
Examination:	9 x SRPs

- Give credit for extra labelling in diagram from Examination SRPs
- If description only - 3 x SRPs max

Q3 C

C HUMAN INTERACTION

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

- Deforestation
- Coastal management
- Flood control

(30 marks)

Impact identified	2 marks
Discussion	14 x SRPs

- Give credit for up to three examples

## 2006

### Section 1 - Q2 B

#### B LANDFORM DEVELOPMENT

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

(30 marks)

Landform identified:	2 marks
Irish example:	2 marks
Labelled diagram:	4 marks graded
Examination:	8 SRPs
Overall coherence:	6 marks graded

- Open to other processes (fluvial / glacial / mass movement) also
- Diagram must have labelling for full marks
- Extra (sequential) labelled diagrams can be credited from SRPs
- New information from extra labelling/explanation on diagram can be credited from SRPs.
- Named process without explanation may be awarded an SRP once. Other named processes will require some explanation.

### Q2 C

#### C HUMAN INTERACTION

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

(30 marks)

- Mass movement processes
- River processes
- Coastal processes

Impact / human process identified	2 marks
Discussion:	11 SRPs
Overall coherence:	6 marks graded

- If all human processes but no natural processes (or vice versa), OC = 0m.
- Up to two examples can be credited from the SRPs.
- A second (but not a third) impact / process may be credited from the SRPs.
- Amalgamate all relevant discussion points.