



Glaciation

Geography past Exam Questions

Higher Level

2013

Part 1 – Q3

- Q.3 (i) D Hanging Valley
C Arête
A Tarn
B Truncated spur
(ii) Any two valid explanations

Section 1 – Q2 B

B. Landform Development

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

Part 1 – Q1

- Q.1 A = Lateral moraine
B = Arête
C = Pyramidal peak
D = Corrie/Coom/Cirque

2011

Part 1 – Q1

- Q.1 B Deposition
 C Deposition
 A Erosion
 D Deposition

Q7

7. Landforms

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

Section 1 – 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

Part 1 – Q5

- Q5** (i) 161
(ii) *Cirque/Corrie/Tarn/Coom/Ribbon*
(iii) *Arête*
(iv) *North Eastwards*

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 × 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 × 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

2009

Part 1 – Q6

Q6 A = 3
 B = 2
 C = 1
 D = 4

Q10

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

2008

Part 1 – Q4

Any 10 questions @ 8 marks each

Each question with 4 parts:	2 marks each (2m + 2m + 2m + 2m)
Each question with 3 parts:	2 marks + 2 marks + 4 marks
Each question with 2 parts:	4 marks + 4 marks
Each question with 1 part:	8 marks

- No grading / scaling of marks

Q12

Any 10 questions @ 8 marks each

Each question with 4 parts:	2 marks each (2m + 2m + 2m + 2m)
Each question with 3 parts:	2 marks + 2 marks + 4 marks
Each question with 2 parts:	4 marks + 4 marks
Each question with 1 part:	8 marks

- No grading / scaling of marks

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]

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

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.