

Q.8 (i)	North west	2m
(ii)	H 42 04	2m
(iii)	R 198	2m
(iv)	Oblique	2m

Q.2 (i) C 1m

F 1m

D 1m

B 1m

A 1m

E 1m

(ii) Valid feature 1+1m

Question 3

Q3		Q9 (i)	Geomorphological	1m
(i) Retreat	2m		Cultural	1m
(ii) Accumulation	2m		Administrative	1m
(iii) 54	2m		Peripheral	1m
(iv) Valid landform	1+1m	(ii)	A (The Burren)	1m
			C (Gaeltachts)	1m
			D (Départements)	1m
			B (The Mezzogiorno)	1m

Question 4

Q5 (i) A – Stalactite 2m B – Pillar/Column 2m C - Stalagmite 2m (ii) True 1m False 1m	Q11 (i) 4 2m (ii) Sweden 2m (iii) 42.1 2m (iv) Benefit stated 1+1m
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Q.5 (i) C 1m

E 1m

B 1m

F 1m

A 1m

D 1m

(ii) Lithosphere 2m

Question 6

Q2				Q8			
(i)	C	1m	(ii) Deposition	1m	(i)	North-East	2m
	A	1m	Erosion	1m	(ii)	S 117 717	2m
	D	1m	Erosion	1m	(iii)	N62	2m
	B	1m	Deposition	1m	(iv)	False	2m

Q.2

(i)	C	1m	(ii)	Chemical	1m
	A	1m		Physical/Mechanical	1m
	B	1m		Physical/Mechanical	1m
	D	1m		Chemical	1m

Q.3 (i) C 1m

A 1m

D 1m

B 1m

(ii) Deposition 1m

Deposition 1m

Erosion 1m

Deposition 1m

Q10

- (i) Occluded front 2m
- (ii) 1024(mb) 2m
- (iii) True 2m
- (iv) Prevailing 2m

Q11

- | | | |
|-------|-------------------|--------|
| (i) | 1070 | 2m |
| (ii) | 2020 | 2m |
| (iii) | 1314 | 2m |
| (iv) | Valid explanation | 1 + 1m |

Question 11

1A. Ordnance Survey Map

Examine the 1:50 000 Ordnance Survey map and legend accompanying this paper.

Draw a sketch map of the area shown to half scale.

On it, correctly show and label each of the following:

- The coastline
- The 18 hole golf course, north of Bantry town
- The entire area of Lough Bofinna
- The entire area of land above 400 metres at Mullaghmesha.

[20m]

Sketch Outline

4 marks (4/0)

4 features @ 4 marks each

Shown 3 marks (graded 3/1/0)

Label 1m

- Sketch outline must be drawn to half scale of the prescribed area. Required size is 12 cm x 9 cm [allow a difference of up to 0.5cm]. It must be landscape orientation.
- The sketch must have four sides drawn. Using the edge of the page is not acceptable. Lose 4 marks for sketch outline.
- If sketch is traced or only a section of the map is drawn, lose 4 marks for sketch outline and lose 3 marks for showing per item. Allow labelling marks only.
- If the aerial photograph is used instead of the Ordnance Survey map 0 marks.
- The features may be labelled on the sketch or in a key. If not labelled, 0 marks for showing.
- There must be an attempt to show feature for labelling marks to be awarded. If not shown, 0 marks for labelling. If located incorrectly but labelled correctly, labelling marks can be awarded as there has been an attempt to locate it.
- Showing marks graded 3/1/0. Reasonable accuracy (location and proportion) for full showing marks.
- Sketch may be drawn in the answer book or on graph paper.

Question 12

1B. Human Interaction with Surface Processes

Human activity impacts on surface processes.

Examine this statement with reference to **one** of the following:

- The impact of flood control measures on river processes
- The impact of coastal defence measures on coastal processes
- The impact of human activities on mass movement processes.

[30m]

Impact on process identified

2 marks

Examination

14 x SRP's

- Credit 1 x SRP for a second impact on process identified from examination. All further impacts require examination.
- Credit 1 x SRP for an example from examination.
- Credit relevant labelled diagram for 1 x SRP. Diagram without labelling 0 marks.
- Credit additional relevant information on labelled diagram for 2 x SRP's. This must be information not already awarded in the written account.
- Discussion may be positive or negative.
- Max 2 x SRP's if merely a description of human activity with no reference to impact on surface processes.
- Question not tied to Ireland.

Annotation	Use	Marks
I	Impact on process identified	2
Ex	Example of geographical location	2
✓2	Valid information worth 2 marks	2
✓	Surplus information	N/A
Dg	Valid diagram	2

Question 13

1C. Destructive Plate Boundaries

Discuss the impacts of destructive plate boundaries, with reference to an example(s) you have studied.

[30m]

Impact identified	2 marks
Example	2 marks
Discussion	13 x SRP's

- Credit 1 x SRP for a second impact identified from discussion. All further impacts require discussion.
- Credit relevant labelled diagram for 1 x SRP. Diagram without labelling 0 marks.
- Credit extra relevant information on labelled diagram for 2 x SRP's. This must be information not already awarded in the written account.

Annotation	Use	Marks
I	Impact identified	2
Ex	Example of geographical location	2
✓2	Valid information worth 2 marks	2
✓	Surplus information	N/A
Dg	Valid diagram	2

Question 4

4A. Map Skills

Draw an outline map of **Ireland**.

On it, show and name each of the following:

- The outline of **one** named region
- The outline of a named feature of relief (upland or lowland) within that region
- **One** named urban centre in that region.
- **One** named river in that region.

[20m]

Map outline

4 marks graded (4/2/0)

4 features @ 4 marks each

Shown 2 marks graded (2/1/0)

Named 2 marks

- Do not accept European or Continental/Sub-continental region.
- Accept any valid type of urban centre irrespective of size.
- Names may be written on sketch map or in a key.
- Outline map may be drawn in the answer book or on graph paper.
- Credit marks for naming of required features if names are valid and correct even if features are not shown or are shown incorrectly.
- Where features are shown but named incorrectly or not named at all, then 0 marks for showing and 0 marks for naming.

Question 15

4B. Dynamics of Regions – Transport

Examine the importance of transport to the economic development of any **two** contrasting **European** regions (not in Ireland), that you have studied.

[30m]

Examination of region 1 8/7 x SRP's
Examination of region 2 7/8 x SRP's

- Credit 1 x SRP per region for reference to the importance of transport to economic development. All further references to the importance of transport require examination.
- Credit 1 x SRP per region for a specific example of transport from examination.
- Do not accept Irish or Continental Sub / Continental region.
- Max 8 x SRP's if only one region examined. Discussion without link to any named or clearly inferred regions 0 marks.
- Max 2 x SRP's per region if merely a description of transport with no reference to economic development.
- Max 2 x SRP's per region if merely a description of economic development with no reference to transport.
- Credit a valid labelled sketch map for 1 x SRP from examination.
- Credit additional relevant information on the sketch map for a further 1 x SRP. This must be information not already awarded in the written account.
- Positive or negative interpretation is acceptable.

Annotation	Use	Marks
REF	Reference to importance of transport	2
Ex	Specific example of transport	2
✓ ₂	Valid information worth 2 marks	2
✓	Surplus information	N/A
Dg	Valid diagram	2
P1 / P2	Annotations relate to region 1/region 2	N/A

Question 16

4C. Concept of a Region

Examine how culture **or** climate can be used to define regions, with reference to an example(s) that you have studied.

[30m]

Example	2 marks
Examination	14 x SRP's

- Credit 1 x SRP for second example from examination.
- All further examples require examination.
- Credit 1 x SRP for a specific reference to culture or climate from examination.
- Credit a valid labelled sketch map for 1 x SRP from examination.
- Credit additional relevant information on the sketch map for a further 1 x SRP. This must be information not already awarded in the written account.
- Positive or negative interpretation is acceptable.

Annotation	Use	Marks
Ex	Example	2
REF	Reference to culture or climate	2
✓₂	Valid information worth 2 marks	2
✓	Surplus information	N/A
Dg	Valid diagram	2

Question 17

- | | | |
|-------|--------------------------|-------------|
| (i) | A = Cliff | 2 marks |
| | B = Wave-cut platform | 2 marks |
| | C = Cave | 2 marks |
| | D = Sea Stack | 2 marks |
| (ii) | Specific processes named | 2 + 2 marks |
| (iii) | Valid explanation | 2 + 2 marks |
| (iv) | Valid explanation | 2 + 2 marks |

Question 18

Rock 1 and associated landscape named	2 + 2 marks
Rock 2 and associated landscape named	2 + 2 marks
Examination	11 x SRP's

- All further rock types and associated landscapes require examination.
- Question is not tied to Ireland.
- Credit relevant labelled diagram for 1 x SRP. Diagram without labelling 0 marks.
- Credit additional relevant information on labelled diagram for 2 x SRP's. This must be information not already awarded in the written account.
- Description of either the rock or the landscape with no reference to the relationship between rock and landscape max 2 x SRP's.
- Max of 7 x SRP's if only one rock type and landscape examined.

Question 19

Impact on process identified 2 marks
Examination 14 x SRP's

- Credit 2nd impact on process identified for 1 x SRP from examination. All further impacts require examination.
- Credit a named example for 1 x SRP from examination.
- Question is not tied to Ireland.
- Credit relevant labelled diagram for 1 x SRP. Diagram without labelling 0 marks.
- Credit additional relevant information on labelled diagram for 2 x SRP's. This must be information not already given in the written account.
- Discussion may be positive or negative.
- Max 2 x SRP's if merely a description of human activities with no reference to impact on surface processes.

Question 20

6A. Tourism in Ireland

Irish Tourist Attractions 2022

Top Ranked Tourist Attractions		Share of Tourists by Category	
Tourist Attraction	Total Visitors	Category	% Share
Phoenix Park Visitor Centre	2,013,211	Historic site	36
Kilkenny Castle Parklands	1,418,171	Museum, gallery	17
Dublin Zoo	1,242,556	Visitor/heritage centre	X
Cliffs of Moher Visitor Experience	1,136,868	Brand experience	10
Guinness Storehouse	1,110,000	Natural attraction	7
Castletown House Parklands	958,921	Visitor garden	7
The Book of Kells	835,065	Zoo, aquarium, open farm	6
National Gallery of Ireland	789,315	Heritage/leisure/theme park	3

Amended from www.failteireland.ie

Examine the table above showing Ireland's leading tourist attractions in 2022 and answer each of the following questions.

- (i) Name the **two** most popular tourist attractions.
- (ii) What tourist attraction had a total of 835,065 visitors?
- (iii) Which category had a 17% share of tourists?
- (iv) Calculate **X**, the percentage share of tourists that visited a visitor/heritage centre.
- (v) The majority of attractions in the table are on the east coast of Ireland. Explain briefly **one** reason why more tourists visited attractions on the east coast than other parts of the country.
- (vi) Explain briefly **one** possible negative impact of tourism.

[20m]

- | | | |
|-------|---|-------------|
| (i) | Phoenix Park visitor centre & Kilkenny Castle Parklands | 2 + 2 marks |
| (ii) | The Book of Kells | 2 marks |
| (iii) | Museum, Gallery | 2 marks |
| (iv) | 14 (%) | 4 marks |
| (v) | Valid explanation | 2 + 2 marks |
| (vi) | Valid explanation | 2 + 2 marks |

Question 21

6B. Population Dynamics

Account for population distribution throughout a **Continental / Sub-Continental** region (not in Europe) that you have studied.

[30m]

Examination

15 x SRP's

- Credit factors influencing the distribution of population for 2 x SRP's from examination. All further factors require examination.
- Credit 1 x SRP for a named location from within the region from examination.
- Do not accept an Irish or European region.
- Examination without reference to a named or clearly inferred region 0 marks.
- Max 2 x SRP's if there is merely a description of population distribution without an explanation.
- Credit a valid labelled sketch map for 1 x SRP from examination.
- Credit additional relevant information on the sketch map for a further 1 x SRP. This must be information not already awarded in the written account.
- Max 8 x SRP's if only one part of the region is examined (question refers to throughout a region).

Annotation	Use	Marks
FA	Factor named	2
Ex	Example of location	2
✓ ₂	Valid information worth 2 marks	2
✓	Surplus information	N/A
Dg	Valid diagram	2

Question 22

6B. Population Dynamics

Account for population distribution throughout a **Continental / Sub-Continental** region (not in Europe) that you have studied.

[30m]

Examination

15 x SRP's

- Credit factors influencing the distribution of population for 2 x SRP's from examination. All further factors require examination.
- Credit 1 x SRP for a named location from within the region from examination.
- Do not accept an Irish or European region.
- Examination without reference to a named or clearly inferred region 0 marks.
- Max 2 x SRP's if there is merely a description of population distribution without an explanation.
- Credit a valid labelled sketch map for 1 x SRP from examination.
- Credit additional relevant information on the sketch map for a further 1 x SRP. This must be information not already awarded in the written account.
- Max 8 x SRP's if only one part of the region is examined (question refers to throughout a region).

Annotation	Use	Marks
FA	Factor named	2
Ex	Example of location	2
✓ ₂	Valid information worth 2 marks	2
✓	Surplus information	N/A
Dg	Valid diagram	2