



**Coimisiún na Scrúduithe Stáit**  
**State Examinations Commission**

**Junior Cycle 2022**

**Marking Scheme**

**Geography**

**Common Level**

### **Note to teachers and students on the use of published marking schemes**

Marking schemes published by the State Examinations Commission are not intended to be standalone documents. They are an essential resource for examiners who receive training in the correct interpretation and application of the scheme. This training involves, among other things, marking samples of student work and discussing the marks awarded, so as to clarify the correct application of the scheme. The work of examiners is subsequently monitored by Advising Examiners to ensure consistent and accurate application of the marking scheme. This process is overseen by the Chief Examiner, usually assisted by a Chief Advising Examiner. The Chief Examiner is the final authority regarding whether or not the marking scheme has been correctly applied to any piece of candidate work.

Marking schemes are working documents. While a draft marking scheme is prepared in advance of the examination, the scheme is not finalised until examiners have applied it to candidates' work and the feedback from all examiners has been collated and considered in light of the full range of responses of candidates, the overall level of difficulty of the examination and the need to maintain consistency in standards from year to year. This published document contains the finalised scheme, as it was applied to all candidates' work.

In the case of marking schemes that include model solutions or answers, it should be noted that these are not intended to be exhaustive. Variations and alternatives may also be acceptable. Examiners must consider all answers on their merits, and will have consulted with their Advising Examiners when in doubt.

### **Future Marking Schemes**

Assumptions about future marking schemes on the basis of past schemes should be avoided. While the underlying assessment principles remain the same, the details of the marking of a particular type of question may change in the context of the contribution of that question to the overall examination in a given year. The Chief Examiner in any given year has the responsibility to determine how best to ensure the fair and accurate assessment of candidates' work and to ensure consistency in the standard of the assessment from year to year. Accordingly, aspects of the structure, detail and application of the marking scheme for a particular examination are subject to change from one year to the next without notice.

In considering this marking scheme, the following should be noted:

- The detail required in any answer is determined by the context and the manner in which the question is asked and by the number of marks assigned to the answer in the examination paper.
- Words, expressions or phrases must be correctly used in context and not contradicted, and where there is evidence of incorrect use or contradiction, the marks may not be awarded.
- As a general rule, if in doubt about the validity of any answer, examiners must consult their advising examiner before awarding marks.
- The suggestions, examples etc. in the scheme are not exhaustive and alternative valid answers etc. are acceptable.

### Question 1

| 32 marks |                                                                                                                                                                                                                                                        |    |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| (a)      |                                                                                                                                                                                                                                                        |    |
| (i)      | Quartzite                                                                                                                                                                                                                                              | 3  |
| (ii)     | Limestone                                                                                                                                                                                                                                              | 3  |
| (iii)    | Granite                                                                                                                                                                                                                                                | 3  |
| (b)      |                                                                                                                                                                                                                                                        |    |
| (i)      | 100,000                                                                                                                                                                                                                                                | 3  |
| (ii)     | Impact named and one valid point of description<br>N3 + VP3 = 6 marks<br><br>Impacts could include:<br>Loss of income etc.                                                                                                                             | 6  |
| (iii)    | Valid process named = 2m<br>5 Valid Points = 10m<br>Labelled diagram (1 m if no labels) = 2m<br><br>N2 + VP2 + VP2 + VP2 + VP2 + VP2 + Dg2 = 14 marks<br><br>Processes could include:<br>Freeze thaw action (frost weathering), onion weathering, etc. | 14 |

## Question 2

| 49 marks |                                                                                                                                                                                                                                                                                                                                                         |    |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| (a)      |                                                                                                                                                                                                                                                                                                                                                         |    |
| (i)      | Factory named<br><br>If no factory named here can still receive full marks in part (ii).                                                                                                                                                                                                                                                                | 3  |
| (ii)     | Two inputs 2 + 2                                                                                                                                                                                                                                                                                                                                        | 4  |
|          | Two processes 2 + 2                                                                                                                                                                                                                                                                                                                                     | 4  |
|          | Two outputs 2 + 2                                                                                                                                                                                                                                                                                                                                       | 4  |
| (iii)    | <p>An industry that can be located at a wide variety of places without being tied to the factors of production. ✓</p> <p>An industry that needs to locate near bulky raw materials.</p>                                                                                                                                                                 | 3  |
| (b)      |                                                                                                                                                                                                                                                                                                                                                         |    |
| (i)      | South west                                                                                                                                                                                                                                                                                                                                              | 3  |
| (ii)     | <p>Two reasons explained @ 7m each<br/>For each: reason named, one valid point of explanation and one piece of evidence referred to:<br/>(R2 + VP3 + Ev2) + (R2 + VP3 + Ev2) = 14 marks</p> <p>Reasons could include:<br/>Near housing estates, access to roads, space to expand etc.</p> <p>Do not accept oblique locations for the evidence mark.</p> | 14 |
| (c)      |                                                                                                                                                                                                                                                                                                                                                         |    |
| (i)      | <p>Loss of jobs</p> <p>Answer must be about job losses.</p>                                                                                                                                                                                                                                                                                             | 3  |
| (ii)     | Valid statement                                                                                                                                                                                                                                                                                                                                         | 3  |

(iii) Banded descriptor marking for 8 marks

|           |                                                                                                                                                                                                                                                                                                                             |         |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| N/A       | If answer does not address the question in any way                                                                                                                                                                                                                                                                          | 0 marks |
| Poor      | Answer will lack detail and fail to show an understanding of globalisation.                                                                                                                                                                                                                                                 | 2 marks |
| Good      | Answer will have some detail but will not demonstrate how the decision shows we live in a globalised and interconnected world.                                                                                                                                                                                              | 5 marks |
| Excellent | Will demonstrate an understanding of globalisation and may explain one way in detail or list multiple ways that decision shows that our world is globalised.<br>Does not have to be a perfect answer to get 8 marks.<br>One well developed reason can get full marks e.g. transport, internet etc. Does not have to be both | 8 marks |

Only marks listed in table should be awarded (0 or 2 or 5 or 8).

When deciding on the mark read the answer and then decide which descriptor is the best fit.  
Award the mark for that descriptor.

### Question 3

| 44 marks  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |                       |           |          |       |          |       |          |     |          |                      |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------|-----------|----------|-------|----------|-------|----------|-----|----------|----------------------|
| (a)       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |                       |           |          |       |          |       |          |     |          |                      |
| (i)       | Each answer worth 2m each<br><table><tr><td>Headland</td><td>2 (given in question)</td></tr><tr><td>Sea stack</td><td><b>3</b></td></tr><tr><td>Beach</td><td><b>1</b></td></tr><tr><td>Cliff</td><td><b>5</b></td></tr><tr><td>Bay</td><td><b>4</b></td></tr></table>                                                                                                                                                                                                                                                                    | Headland                              | 2 (given in question) | Sea stack | <b>3</b> | Beach | <b>1</b> | Cliff | <b>5</b> | Bay | <b>4</b> | <br>2<br>2<br>2<br>2 |
| Headland  | 2 (given in question)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                       |                       |           |          |       |          |       |          |     |          |                      |
| Sea stack | <b>3</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       |                       |           |          |       |          |       |          |     |          |                      |
| Beach     | <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       |                       |           |          |       |          |       |          |     |          |                      |
| Cliff     | <b>5</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       |                       |           |          |       |          |       |          |     |          |                      |
| Bay       | <b>4</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       |                       |           |          |       |          |       |          |     |          |                      |
| (ii)      | Reason named and one valid point of description<br>N3 + VP3 = 6 marks<br><br>Reasons could include:<br>Near a beach, beautiful scenery etc.                                                                                                                                                                                                                                                                                                                                                                                               | <br><br><br>6                         |                       |           |          |       |          |       |          |     |          |                      |
| (iii)     | Four valid points of explanation<br><br>VP3 + VP2 + VP2 + VP2 = 9 marks<br><br>A relevant labelled diagram can count as one VP or be combined with information in the written answer to make one full valid point.                                                                                                                                                                                                                                                                                                                        | <br><br><br>9                         |                       |           |          |       |          |       |          |     |          |                      |
| (b)       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |                       |           |          |       |          |       |          |     |          |                      |
| (i)       | For each of the four items:<br>Show = 1m<br>Label = 1m<br><br>If item shown incorrectly can award label mark, expect reasonable accuracy for showing mark.<br>If item not shown, no mark for labelling.<br>If shown but not labelled in anyway cannot award mark for showing.                                                                                                                                                                                                                                                             | <br><br><br><br><br>8                 |                       |           |          |       |          |       |          |     |          |                      |
| (ii)      | 4.5 km                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5                                     |                       |           |          |       |          |       |          |     |          |                      |
| (iii)     | Two valid functions named @ 2m each, two valid evidence of the named function @ 2m each.<br><br>For example: Defence (N2) - castle (Ev2)<br>Recreation (N2) - golf course (Ev2)<br>Transport (N2) - train station (Ev2)<br>Education (N2) - school (Ev2) etc.<br><br>If valid function only 2 marks can be awarded.<br>If function named correctly but evidence is incorrect award 2m for naming and mark evidence 0m.<br>If a grid ref is given as evidence this is ok 4 figure or 6 figure<br>If evidence only and no function then 0m. | <br><br><br><br><br><br><br><br><br>8 |                       |           |          |       |          |       |          |     |          |                      |

#### Question 4

| 38 marks |                                                                                                    |   |
|----------|----------------------------------------------------------------------------------------------------|---|
| (a)      |                                                                                                    |   |
| (i)      | False                                                                                              | 3 |
| (ii)     | False                                                                                              | 3 |
| (iii)    | True                                                                                               | 3 |
| (iv)     | False                                                                                              | 3 |
| (b)      |                                                                                                    |   |
| (i)      | Ireland                                                                                            | 3 |
| (ii)     | (US\$) 1,238<br>Unit not required                                                                  | 3 |
| (iii)    | 25.6 (per 1,000)<br>Per 1,000 not required for full marks                                          | 5 |
| (c)      |                                                                                                    |   |
| (i)      | 130                                                                                                | 3 |
| (ii)     | Development aid                                                                                    | 3 |
| (iii)    | 4 valid points @ VP3 + VP2 + VP2 + VP2 = 9 marks<br>If both answered, mark both and award highest. | 9 |



## Question 5

| 33 marks |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| (a)      |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |
| (i)      | <p>Each term inserted correctly @ 2m each</p> <p>The order is as follows:<br/> Humus = provided in the question<br/> <b>Topsoil</b> = 2m<br/> <b>Subsoil</b> = 2m<br/> <b>Bedrock</b> = 2m</p>                                                                                                                                                                                                                                                        | 6 |
| (ii)     | <p>Valid soil type named.</p> <p>Examples could include:<br/> Brown earth soils, gley soils, podzols etc.</p>                                                                                                                                                                                                                                                                                                                                         | 3 |
| (b)      |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |
| (i)      | Coniferous                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3 |
| (ii)     | Farming / growing crops / fishing / etc.                                                                                                                                                                                                                                                                                                                                                                                                              | 3 |
| (iii)    | <p>Reference to physical landscape and three valid points of explanation of how the reference to physical landscape influenced primary economic activities<br/> Ref3 + VP2 + VP2 + VP2</p> <p>Reference to the physical landscape could include:<br/> Flat land, river nearby, low altitude, etc.</p> <p>Evidence from the map/photograph is <b>not</b> required in this answer for full marks.<br/> Do not need to name activity for full marks.</p> | 9 |
| (iv)     | <p>Impact named and three valid points of explanation<br/> N3 + VP2 + VP2 + VP2 = 9 marks</p> <p>Impacts could include:<br/> Climate change, increase in CO<sub>2</sub>, removal of animal habitats etc.</p> <p>An example can be combined with a piece of explanation to be awarded a valid point.</p>                                                                                                                                               | 9 |

### Question 6

| 32 marks |                                                                                                                                                                                                                                                                    |   |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| (a)      |                                                                                                                                                                                                                                                                    |   |
| (i)      | 70 (%)                                                                                                                                                                                                                                                             | 3 |
| (ii)     | Coal                                                                                                                                                                                                                                                               | 3 |
|          | Peat                                                                                                                                                                                                                                                               | 3 |
| (iii)    | Full explanation for 4 marks<br>Partial explanation for 2 marks                                                                                                                                                                                                    | 4 |
| (b)      |                                                                                                                                                                                                                                                                    |   |
| (i)      | 25,000                                                                                                                                                                                                                                                             | 3 |
| (ii)     | 7 km <sup>2</sup>                                                                                                                                                                                                                                                  | 4 |
| (iii)    | S 223/4, 698/9                                                                                                                                                                                                                                                     |   |
|          | no subzone then 2m                                                                                                                                                                                                                                                 | 4 |
| (iv)     | Argument stated and three valid points of explanation<br>Arg2 + VP2 + VP2 + VP2 = 8 marks<br><br>Examples for could include:<br>Provides jobs, clean energy source etc.<br><br>Examples against could include:<br>Visual pollution, disturbing local wildlife etc. | 8 |

### Question 7

| 27 marks |                                                                                                                                                                                                                                                                  |    |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| (a)      |                                                                                                                                                                                                                                                                  |    |
| (i)      | Lower course                                                                                                                                                                                                                                                     | 3  |
| (ii)     | Valid feature named.<br><br>Accept meander, ox bow lake, levee, floodplain.                                                                                                                                                                                      | 3  |
| (iii)    | Two reasons explained @ 6m each<br>For each reason:<br>Reason stated and two valid points of explanation<br>(R2 + VP2 + VP2) + (R2 + VP2 + VP2) = 12 marks<br><br>Examples of reasons could include:<br>Bridging points, transport, used for drinking water etc. | 12 |
| (b)      |                                                                                                                                                                                                                                                                  |    |
| (i)      | Name of town or city                                                                                                                                                                                                                                             | 3  |
| (ii)     | Negative effect named and two valid points of explanation<br>N2 + VP2 + VP2 = 6 marks<br><br>Examples could include:<br>Urban decline, urban sprawl, traffic congestion etc.<br><br>If no town named in (i) or anywhere in part (ii) then naming marks only.     | 6  |

### Question 8

| 49 marks |                                                                                                                                                                                                  |   |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| (a)      |                                                                                                                                                                                                  |   |
| (i)      | Eurasian                                                                                                                                                                                         | 3 |
| (ii)     | Crust                                                                                                                                                                                            | 3 |
| (iii)    | Two valid plates named @ 6Marks                                                                                                                                                                  | 6 |
| (iv)     | Two valid landforms @ 3m each<br><br>For example volcano, mid ocean ridge, earthquake etc.                                                                                                       | 6 |
| (b)      |                                                                                                                                                                                                  |   |
| (i)      | Valid mountain range outside of Ireland<br><br>Examples could include:<br>The Alps, the Andes, the Pennines etc.                                                                                 | 3 |
| (ii)     | Each item correctly shown and labelled on diagram for 8m total<br>Show = 1m<br>Labelled = 1m                                                                                                     | 8 |
| (c)      |                                                                                                                                                                                                  |   |
| (i)      | Three items correctly drawn on chart @ 2/1/0 marks                                                                                                                                               | 6 |
| (ii)     | 9.1                                                                                                                                                                                              | 3 |
| (iii)    | Seismograph / seismometer                                                                                                                                                                        | 3 |
| (iv)     | Way to reduce impact named and two valid points<br>N3 + VP3 + VP2 = 8 marks<br><br>Examples could include:<br>Using shock absorbers in foundations, using fire resistant building materials etc. | 8 |

### Question 9

| 56 marks |                                                                                                                                                                                                                    |    |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| (a)      |                                                                                                                                                                                                                    |    |
| (i)      | Each image correctly labelled @ 3m each<br>Wind/weather vane = <b>C</b><br>Campbell-Stokes recorder = <b>B</b><br>Rain gauge = <b>D</b><br>Anemometer = <b>A</b>                                                   | 12 |
| (ii)     | False                                                                                                                                                                                                              | 3  |
| (iii)    | Reason named<br>Two valid points of explanation<br>R2 + VP2 + VP2 = 6 marks<br><br>Reasons could include:<br>South westerly prevailing wind, beside the ocean, mountainous landscape etc.                          | 6  |
| (b)      |                                                                                                                                                                                                                    |    |
| (i)      | 185-240 km/hr<br><br>(If correct number but no unit then 1m)                                                                                                                                                       | 3  |
| (ii)     | Westerly                                                                                                                                                                                                           | 3  |
| (iii)    | Any valid weather event                                                                                                                                                                                            | 3  |
| (iv)     | Three effects listed @ 3m per effect<br><br>Effects of a significant event could include:<br>Roads were closed / Schools were forced to teach online remotely / People were injured / Electricity was cut off etc. | 9  |
| (c)      |                                                                                                                                                                                                                    |    |
| (i)      | Each push factor circled for 3m each<br><br>Job opportunities                      Shops and services are nearby <u>Persecution</u><br><br><u>Unemployment</u> <u>Famine</u> Good schools                          | 9  |
| (ii)     | One impact named and three valid points of discussion<br>N2 + VP2 + VP2 + VP2 = 8 marks<br><br>Impacts could include:<br>Abandoned farmland, brain drain, closure of shops etc.                                    | 8  |



# Coimisiún na Scrúduithe Stáit

## *Marcanna Breise as ucht freagairt trí Ghaeilge*

Léiríonn an tábla thíos an méid marcanna breise ba chóir a bhronnadh ar iarrthóirí a ghnóthaíonn níos mó ná 75% d'iomlán na marcanna.

N.B. Ba chóir marcanna de réir an ghnáthrata a bhronnadh ar iarrthóirí nach ghnóthaíonn níos mó ná 75% d'iomlán na marcanna don scrúdú. Ba chóir freisin an marc bónaís sin a **shlánú síos**.

## *Tábla 360 @ 10%*

Bain úsáid as an tábla seo i gcás na n-ábhar a bhfuil 360 marc san iomlán ag gabháil leo agus inarb é 10% gnáthrata an bhónais.

Bain úsáid as an ghnáthrata i gcás 270 marc agus faoina bhun sin. Os cionn an mharc sin, féach an tábla thíos.

| Bunmharc  | Marc Bónais |
|-----------|-------------|
| 271 - 273 | 26          |
| 274 - 276 | 25          |
| 277 - 280 | 24          |
| 281 - 283 | 23          |
| 284 - 286 | 22          |
| 287 - 290 | 21          |
| 291 - 293 | 20          |
| 294 - 296 | 19          |
| 297 - 300 | 18          |
| 301 - 303 | 17          |
| 304 - 306 | 16          |
| 307 - 310 | 15          |
| 311 - 313 | 14          |
| 314 - 316 | 13          |

| Bunmharc  | Marc Bónais |
|-----------|-------------|
| 317 - 320 | 12          |
| 321 - 323 | 11          |
| 324 - 326 | 10          |
| 327 - 330 | 9           |
| 331 - 333 | 8           |
| 334 - 336 | 7           |
| 337 - 340 | 6           |
| 341 - 343 | 5           |
| 344 - 346 | 4           |
| 347 - 350 | 3           |
| 351 - 353 | 2           |
| 354 - 356 | 1           |
| 357 - 360 | 0           |
|           |             |



