

Tuesday 14 May 2019 – Afternoon AS Level Geography

H081/01 Landscape and place

Time allowed: 1 hour 45 minutes

You must have:

- the Resource Booklet (inserted)
- the OCR 12-page Answer Booklet (OCR12 sent with general stationery)

You may use:

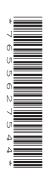
- a ruler (cm/mm)
- · a scientific or graphical calculator

INSTRUCTIONS

- · The Resource Booklet will be found inside this document.
- Use black ink. You may use an HB pencil for graphs and diagrams.
- Section A: Choose one option and answer all parts of the question in the option.
- Section B: Answer all questions.
- Section C: Answer all questions.
- Write your answers in the Answer Booklet. The question number(s) must be clearly shown.

INFORMATION

- The total mark for this paper is 82.
- The marks for each question are shown in brackets [].
- Quality of extended responses will be assessed in questions marked with an asterisk (*).
- · This document consists of 4 pages.



Section A – Landscape Systems

Choose **one** option and answer **all** parts of the question in the option.

Option A – Coastal Landscapes

- 1 (a) Study Fig. 1 which shows patterns of temperature and precipitation for the Isle of Portland on the Dorset coast.
 - (i) Using evidence from **Fig. 1**, describe the patterns of temperature and precipitation of the Isle of Portland. [3]
 - (ii) Suggest one way in which the climate of the Isle of Portland influences weathering. [4]
 - (b) Explain the formation of coastal arches. [8]
 - (c)* 'Coastal landscape systems change only slowly over long periods of time.' Discuss. [14]

OR

Option B - Glaciated Landscapes

- 2 (a) Study Fig. 2 which shows patterns of temperature and precipitation for Tulloch Bridge in the Grampian Mountains.
 - (i) Using evidence from **Fig. 2**, describe the patterns of temperature and precipitation of Tulloch Bridge. [3]
 - (ii) Suggest one way in which the climate of Tulloch Bridge influences weathering. [4]
 - (b) Explain the formation of glacial troughs. [8]
 - (c)* 'Glaciated landscape systems change only slowly over long periods of time.' Discuss. [14]

OR

Option C – Dryland Landscapes

- 3 (a) Study Fig. 3 which shows patterns of temperature and precipitation for In Salah in the Sahara Desert.
 - (i) Using evidence from **Fig. 3**, describe the patterns of temperature and precipitation of In Salah. [3]
 - (ii) Suggest **one** way in which the climate of In Salah influences weathering. [4]
 - (b) Explain the formation of desert pavements. [8]
 - (c)* 'Dryland landscape systems change only slowly over long periods of time.' Discuss. [14]

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Section B - Changing Spaces; Making Places

Answer all questions.

- 4 (a) Explain **two** ways in which emotional attachment to place can influence people's behaviour and activities in a place. [4]
 - (b) Study Fig. 4a, a model of changing employment structure in a country by sector.
 - (i) Using evidence from Fig. 4a, identify one sectoral change in employment. [1]
 - (ii) With reference to **Fig. 4a**, suggest the role of **two** players involved in driving structural economic change. [4]
 - (c) Using evidence from Figs. 4b and 4c, explain two ways in which social inequality affects people's daily lives. [6]
 - (d)* Using a case study, to what extent do shifting flows of people help to shape the profile of a place over time? [14]

Section C - Fieldwork

Answer all questions.

- 5 (a) Study Fig. 5a, a sketch map of Lossiemouth, a coastal town in Moray, Scotland, and Fig. 5b, place profile information about Lossiemouth.
 - (i) Using evidence from Fig. 5a and/or Fig. 5b, suggest and justify a field research question appropriate for the Lossiemouth area. [3]
 - (ii) Explain how **one** type of primary, quantitative data could be used to help you answer the question you suggested in (a)(i). [3]
 - (iii) Evaluate the opportunities to collect data for the research question suggested in (a)(i) through the use of geospatial technologies, such as smart phones and tablet devices.
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 - (b) With reference to a fieldwork investigation you have carried out, to what extent were the practical field methodologies appropriate to the investigation of core human and/or physical processes?
 [12]

END OF QUESTION PAPER



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