



Oxford Cambridge and RSA

**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]

**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. **[6]**
- (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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