

AS Level Geography

H081/01 Landscape and place

Tuesday 16 May 2017 – Afternoon

Time allowed: 1 hour 45 minutes

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

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

- The OS map extract and 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 answer to each question in the Answer Booklet.
- Do **not** write in the barcodes.

- 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) **Fig. 1** shows mean wind speed and wind direction recorded in Newquay, Cornwall, UK.
- (i) Using evidence from **Fig. 1**, describe the annual pattern of wind speed and wind direction. [3]
 - (ii) Suggest how **one** geomorphic process is influenced by wind speed and wind direction. [4]
- (b) Explain the formation of geos. [8]
- (c)* “Climate change is the most important factor in the modification of landforms within coastal landscape systems”. To what extent do you agree with this statement? [14]

OR

Option B – Glaciated Landscapes

- 2 (a) **Fig. 2** shows mean minimum temperature and snowfall recorded on the West Glacier, Montana, USA.
- (i) Using evidence from **Fig. 2**, describe the annual pattern of temperature and snowfall. [3]
 - (ii) Suggest how **one** geomorphic process is influenced by temperature and snowfall. [4]
- (b) Explain the formation of roches moutonnées. [8]
- (c)* “Climate change is the most important factor in the modification of landforms within glaciated landscape systems”. To what extent do you agree with this statement? [14]

OR

Option C – Dryland Landscapes

- 3 (a) **Fig. 3** shows mean maximum temperature and precipitation recorded in the Mojave Desert, California, USA.
- (i) Using evidence from **Fig. 3**, describe the annual pattern of temperature and precipitation. [3]
 - (ii) Suggest how **one** geomorphic process is influenced by temperature and precipitation. [4]
- (b) Explain the formation of wadis. [8]
- (c)* “Climate change is the most important factor in the modification of landforms within dryland landscape systems”. To what extent do you agree with this statement? [14]

Section B – Changing Spaces; Making Places

Answer **all** questions.

- 4 (a) Explain how **two** demographic characteristics might contribute to the identity of a place at local scale. [4]
- (b) Study **Fig. 4a**, the OS map extract of central and southeast Ashford. Ashford is an historic market town in Kent which has experienced rapid urban growth and economic change in the last 20 years.
- (i) Using evidence from **Fig. 4a**, identify and locate **one** land use that shows evidence of recent urban growth. [1]
- (ii) With reference to **Fig. 4a** suggest how **two** players have influenced recent economic change in Ashford. [4]
- (c) Using evidence from **Fig. 4b** and **Fig. 4c**, explain **two** differences in the informal representations of Dunwich. [6]
- (d)* To what extent are patterns of social inequality the result of economic factors? [14]

Section C – Fieldwork

Answer **all** questions.

- 5 (a)** Study **Fig. 5**, an area in which it is proposed to carry out an AS level geographical investigation.
- (i)** State a geographical hypothesis that could be tested in the area shown. Justify using evidence from **Fig. 5**. **[4]**
 - (ii)** Outline **two** resources which could be used to collect data in the investigation in **(a)(i)**. **[2]**
 - (iii)** Explain **one** way in which geographical data collected during the investigation could be presented and analysed with the use of a Geographic Information System (GIS). **[6]**
- (b)** With reference to a fieldwork investigation you have carried out, evaluate how effective your chosen methodologies were in collecting appropriate data. **[12]**

END OF QUESTION PAPER

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