

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
AS LEVEL**

H081/01

GEOGRAPHY

Landscape and place

**TUESDAY 16 MAY 2017: Afternoon
TIME ALLOWED: 1 hour 45 minutes
plus your additional time allowance**

MODIFIED ENLARGED

YOU MUST HAVE:

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

YOU MAY USE:

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

READ INSTRUCTIONS OVERLEAF



INSTRUCTIONS

The OS map extract and Resource Booklet will be found with 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.

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 (*).

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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