

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

OCR

Oxford Cambridge and RSA

Copyright Information

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download from our public website (www.ocr.org.uk) after the live examination series.

If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact the Copyright Team, First Floor, 9 Hills Road, Cambridge CB2 1GE.

OCR is part of the Cambridge Assessment Group; Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.