



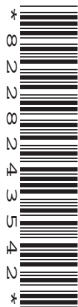
Oxford Cambridge and RSA

# Tuesday 06 October 2020 – Morning

## AS Level Geography

### H081/01 Landscape and place

**Time allowed: 1 hour 45 minutes**



**You must have:**

- the Resource Booklet (inside this document)
- the OCR 12-page Answer Booklet

**You can use:**

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

### INSTRUCTIONS

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the Answer Booklet. The question numbers must be clearly shown.
- Fill in the boxes on the front of the Answer Booklet.
- Choose **one** option in Section A and answer **all** the questions for that option.
- Answer **all** the questions in Section B and Section C.

### INFORMATION

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

### ADVICE

- Try to answer every part of each question you choose.
- Read each question carefully before you start your answer.

## 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 sand movements in the coastal system between Winterton and Thorpeness, a length of coastline in East Anglia, UK.
- (i) Using evidence from **Fig. 1**, describe the pattern of sand movement. [3]
- (ii) Explain **two** possible sources of inputs of sand into this coastal system. [4]
- (b) Explain the formation of cliffs. [8]
- (c)\* To what extent is shoreline management the main cause of change in coastal landscape systems? [14]

OR

### Option B – Glaciated Landscapes

- 2 (a) Study **Fig. 2** which shows surface profiles of the Obruchev glacier for 1963 and 2008. The Obruchev glacier is a corrie glacier system in the Ural Mountains, northern Russia.
- (i) Using evidence from **Fig. 2**, describe the changes in the surface profiles of the glacier between 1963 and 2008. [3]
- (ii) Explain **two** possible sources of inputs of debris into this corrie glacier system. [4]
- (b) Explain the formation of arêtes. [8]
- (c)\* To what extent is human activity the main cause of change in periglacial landscape systems? [14]

OR

### Option C – Dryland Landscapes

- 3 (a) Study **Fig. 3** which shows suspended sediment in Wadi El Hammam, a wadi system in the semi-arid area of northern Algeria.
- (i) Using evidence from **Fig. 3**, describe the pattern of suspended sediment. [3]
- (ii) Explain **two** possible sources of inputs of sediment into this wadi system. [4]
- (b) Explain the formation of pedestal rocks. [8]
- (c)\* To what extent are attempts to secure water supply the main cause of change in dryland landscape systems? [14]

### Section B – Changing Spaces; Making Places

Answer **all** questions.

- 4 (a) Explain how **one** type of local community group can shape its own neighbourhood. [4]
- (b) Study **Fig. 4a**, which shows UK economic growth, 1979–2019.
- (i) Using evidence from **Fig. 4a**, identify **one** period of economic recession. [1]
- (ii) Suggest **two** possible impacts of economic recession on social inequality. [4]
- (c) Study **Fig. 4b**, the OS map, which is a formal representation of Buxton in Derbyshire and **Fig. 4c**, the literary text, which is an informal representation of the same town. Using evidence from **Figs 4b and 4c**, contrast the formal and informal representations of Buxton. [6]
- (d)\* 'The impacts of structural economic change on people and place have been largely environmental.' Discuss this statement with reference to **one** country or region. [14]

### Section C – Fieldwork

Answer **all** questions.

- 5 (a) Study **Fig. 5**, a photograph which shows part of Scarborough, Yorkshire, UK, where a geographical investigation is to be undertaken.
- (i) Using evidence from **Fig. 5**, state and justify an appropriate geographical question for investigation in this area. [4]
- (ii) State **one** type of primary data and **one** source of secondary data that you would use for the investigation in **(a)(i)**. [2]
- (iii) Explain how timing might be a consideration in collecting primary data for the investigation in **(a)(i)**. [6]
- (b) With reference to a fieldwork investigation you have carried out, assess how useful your results were in answering your original question. [12]

**END OF QUESTION PAPER**

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