



Oxford Cambridge and RSA

GCSE (9–1) Geography A (Geographical Themes)

J383/02 The World Around Us

Tuesday 5 June 2018 – Afternoon

Time allowed: 1 hour


You must have:

- the Resource Booklet (inserted)

You may use:

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



First name

Last name

Centre
numberCandidate
number

INSTRUCTIONS

- The separate Resource Booklet will be found inside this document.
- Use black ink. You may use an HB pencil for graphs and diagrams.
- Complete the boxes above with your name, centre number and candidate number.
- Answer **all** the questions.
- Write your answer to each question in the space provided. If additional space is required, use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the barcodes.

INFORMATION

- The total mark for this paper is **60**.
- The marks for each question are shown in brackets [].
- Quality of extended responses will be assessed in questions marked with an asterisk (*).
- Spelling, punctuation and grammar and the use of specialist terminology (SPaG) will be assessed in questions marked with a pencil (✎).
- This document consists of **12** pages.

2

Answer **all** the questions.**Ecosystems of the Planet**

1 (a) Study **Fig. 1**, a diagram showing characteristic features of selected ecosystems.

(i) Which ecosystem has the lowest temperatures?

..... [1]

(ii) Use **Fig. 1** to explain the relationship between climate and vegetation.

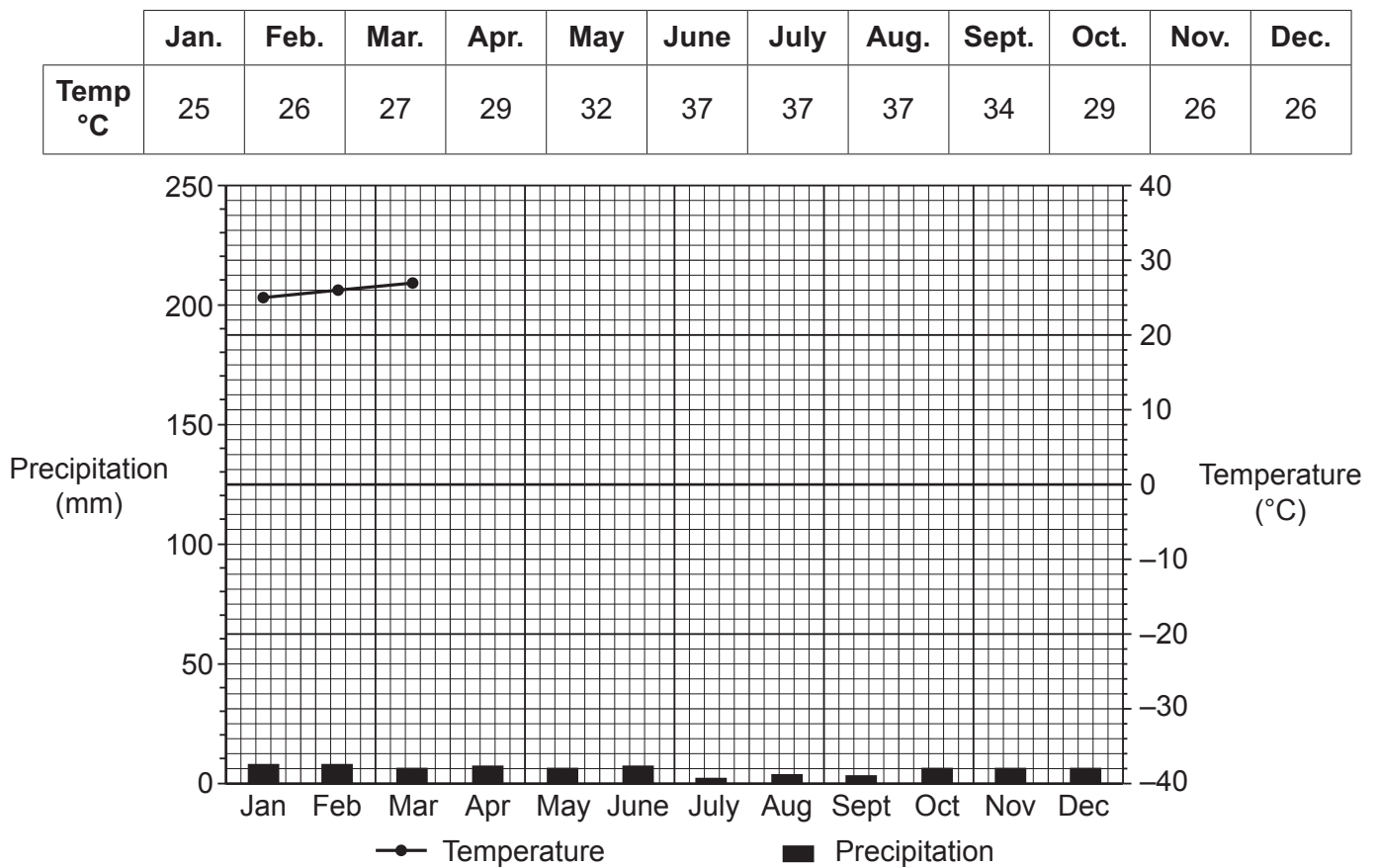
.....
.....
.....
.....
.....
.....
.....
..... [3]

3

(b) (i) Complete the climate graph below.

Draw the rest of the line accurately to show the remaining data for temperature.

[2]



(ii) Which type of ecosystem does the completed climate graph show?

- A hot desert
- B temperate forest
- C tropical grassland
- D tropical rainforest

Write the correct letter in the box.

[1]

(c)* Evaluate whether tropical rainforests are of more value than coral reefs to humans and the planet.

[12]



 Spelling, punctuation and grammar and the use of specialist terminology [3]

..... [6]

Study **Fig. 4**, a map showing the distribution and frequency of tropical storms from 1980 to 2000.

(b) Describe the pattern of the distribution of tropical storms shown in **Fig. 4**.

.....

.....

.....

.....

.....

.....

.....

.....

..... [3]

(c) Suggest how global warming could affect the frequency of drought in the future.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [3]

[illegible]

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.