

OXFORD CAMBRIDGE AND RSA EXAMINATIONS
GCSE (9–1)
J383/02
GEOGRAPHY A
(GEOGRAPHICAL THEMES)
The World Around Us

TUESDAY 5 JUNE 2018: Afternoon
TIME ALLOWED: 1 hour
plus your additional time allowance
MODIFIED ENLARGED 24pt

First name						Last name					
Centre number						Candidate number					

YOU MUST HAVE:
the Resource Booklet

YOU MAY USE:
a scientific or graphical calculator
a ruler (cm/mm)

READ INSTRUCTIONS OVERLEAF



INSTRUCTIONS

The separate Resource Booklet will be found with this document.

Use black ink. You may use an HB pencil for graphs and diagrams.

Complete the boxes on the front page 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.

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 (✎).

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]**

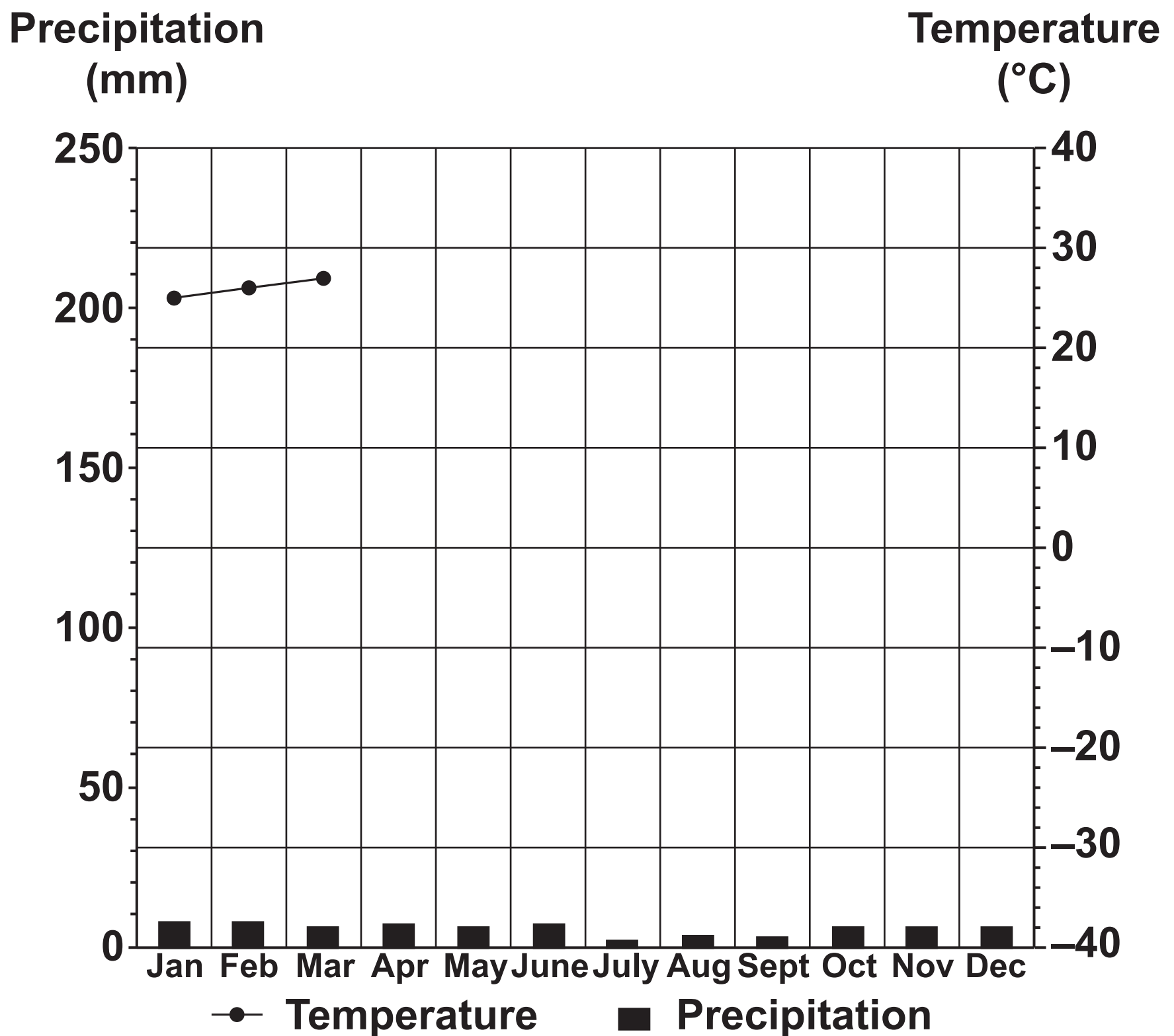
(ii) Use FIG. 1 to explain the relationship between climate and vegetation.

_____ **[3]**

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

Draw the rest of the line accurately to show the remaining data for temperature. [2]

	Temp °C
Jan.	25
Feb.	26
Mar.	27
Apr.	29
May	32
June	37
July	37
Aug.	37
Sept.	34
Oct.	29
Nov.	26
Dec.	26



(ii) Which type of ecosystem does the completed climate graph show? [1]

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

Write the correct letter in the box.

[illegible]

[12]



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

People of the Planet

2 (a) Explain TWO consequences of rapid urbanisation in LIDCs.

[4]

- (b) Study the data table below which shows the life expectancy for selected countries in South East Asia.

Country	Life Expectancy
Cambodia	64.9
Laos	64.6
Malaysia	75.2
Myanmar	68.2
Thailand	74.9
Vietnam	73.7

Source: World Factbook

- (i) Calculate the mean life expectancy.

_____ [1]

- (ii) Life expectancy indicates social development.

State briefly ONE difference between economic and social development.

_____ [1]

- (c) (i) Study FIG. 2, information about a Computer Aid International project in Kenya.**

What type of aid is shown in FIG. 2? [1]

- A Bilateral aid**
B Multilateral aid
C Official government aid
D Voluntary aid

Write the correct letter in the box.

- (ii) Suggest how aid can both promote and hinder development.**

[4]

(d)* CASE STUDY – Trade and economic development

Explain how trade affects the economic development of an LIDC or an EDC you have studied.

LIDC OR EDC studied: _____

Environmental threats to our Planet

3 Study FIG. 3, a diagram showing the greenhouse effect.

(a) (i) Which of the following statements correctly describes the arrow labelled X? [1]

- A build-up of greenhouse gases**
- B heat escapes into space**
- C infrared radiation**
- D solar radiation**

Write the correct letter in the box.

(ii) State TWO different greenhouse gases.

1 _____

2 _____

[2]

[illegible]

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]

(d) CASE STUDY – Drought caused by El Niño/La Niña

Describe how people in your case study area have adapted to the drought and comment on the success of their methods.

Case study area: _____

[6]

END OF QUESTION PAPER

ADDITIONAL ANSWER SPACE

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).

This image shows a blank sheet of white paper with horizontal ruling lines. A single vertical line runs down the left side, creating a narrow margin. There are 20 horizontal lines in total, evenly spaced across the page. The lines are thin and black.

BLANK PAGE

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.