



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 number

Candidate 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.

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.

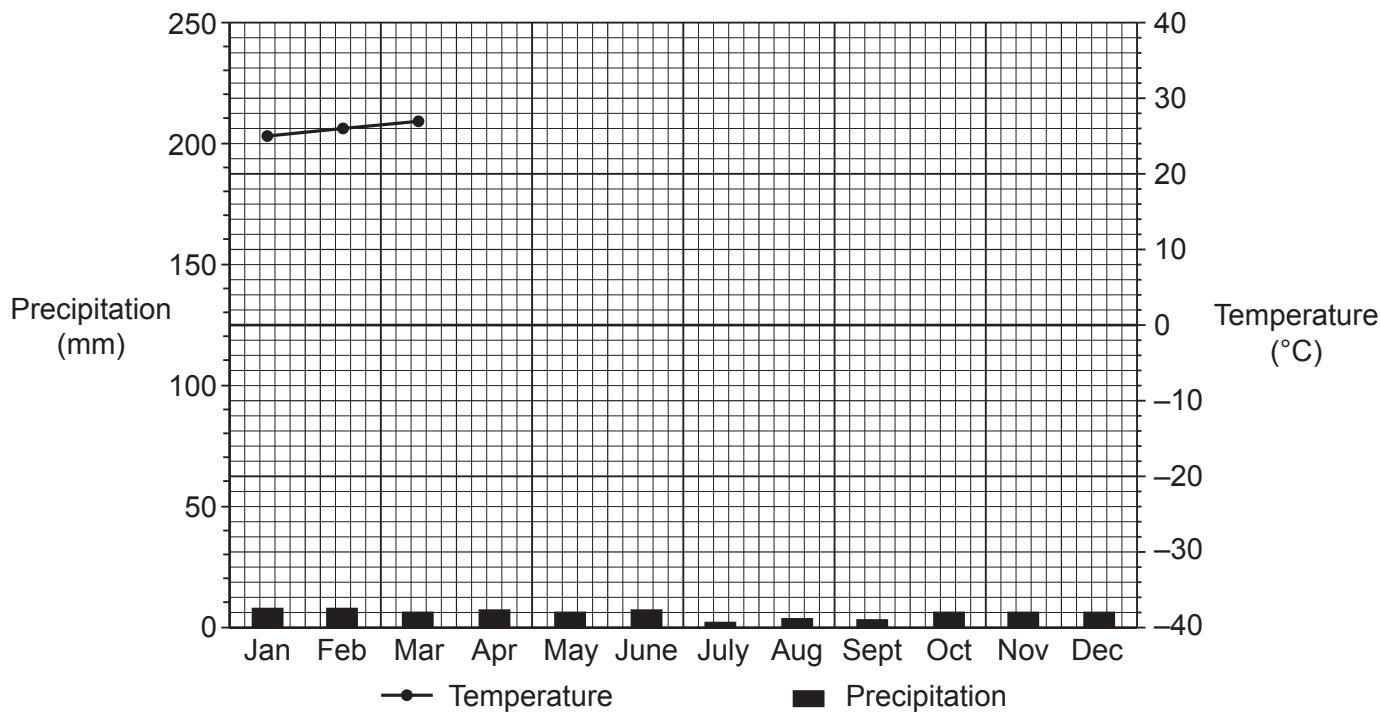
[31]

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

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

[2]

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



(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]

## People of the Planet

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

[4]

[4]

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

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

Source: World Factbook

(i) Calculate the mean life expectancy.

[1]

[1]

(ii) Life expectancy indicates social development.

State briefly **one** difference between economic and social development.

[1]

[1]

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

What type of aid is shown in **Fig. 2**?

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

Write the correct letter in the box.

1

[1]

(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:** .....

. [8]

## 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?

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

Write the correct letter in the box.

1

[1]

(ii) State **two** different greenhouse gases.

1 .....

2 .....

[2]

(iii) Explain how human activity creates the enhanced greenhouse effect.

[4]

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

10

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

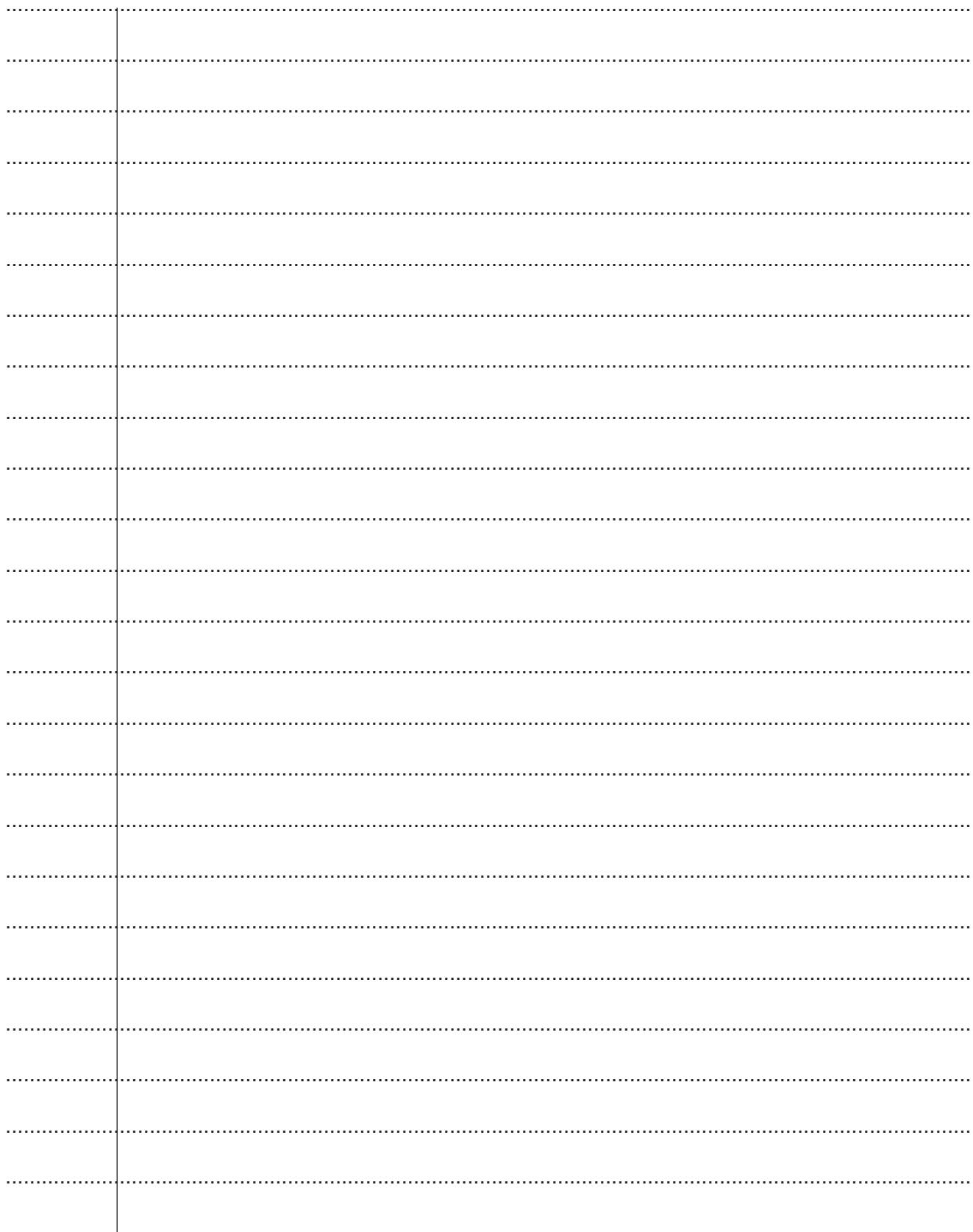
Describe how people in your case study area have adapted to the drought and comment on the success of their methods.

**Case study area:** .....

**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).





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