

Tuesday 4 June 2013 – Afternoon

GCSE GEOGRAPHY A

A671/01 Extreme Environments (Foundation Tier)

Candidates answer on the Question Paper.

OCR supplied materials:

- An Insert (A671/01/02/1 – inserted)

Other materials required:

None

Duration: 1 hour



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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INSTRUCTIONS TO CANDIDATES

- The Insert will be found in the centre of this document.
- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the bar codes.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is **56**.
- You will be awarded marks in questions 2(b) and 3(b)(ii) for the quality of written communication of your answer. Questions marked with a pencil (✎) will carry 3 additional marks for spelling, punctuation and grammar.
- This document consists of **12** pages. Any blank pages are indicated.

SECTION A – Hot deserts and extreme environments generally

Answer **all** questions.

1 Study Fig. 1 in the separate Insert.

(a) (i) Name the hot desert which is located:

- across North Africa
- near the west coast of South America
.....

[2]

(ii) **Circle** the correct answers to complete the sentences below.

Hot deserts are located on or close to the **Antarctic Circle / Equator / Tropic of Cancer**.

Many hot deserts are on the **eastern / western** side of continents. [2]

(b) State **three** features of the climate of a hot desert.

- 1
- 2
- 3

[3]

(c) Study Fig. 2.

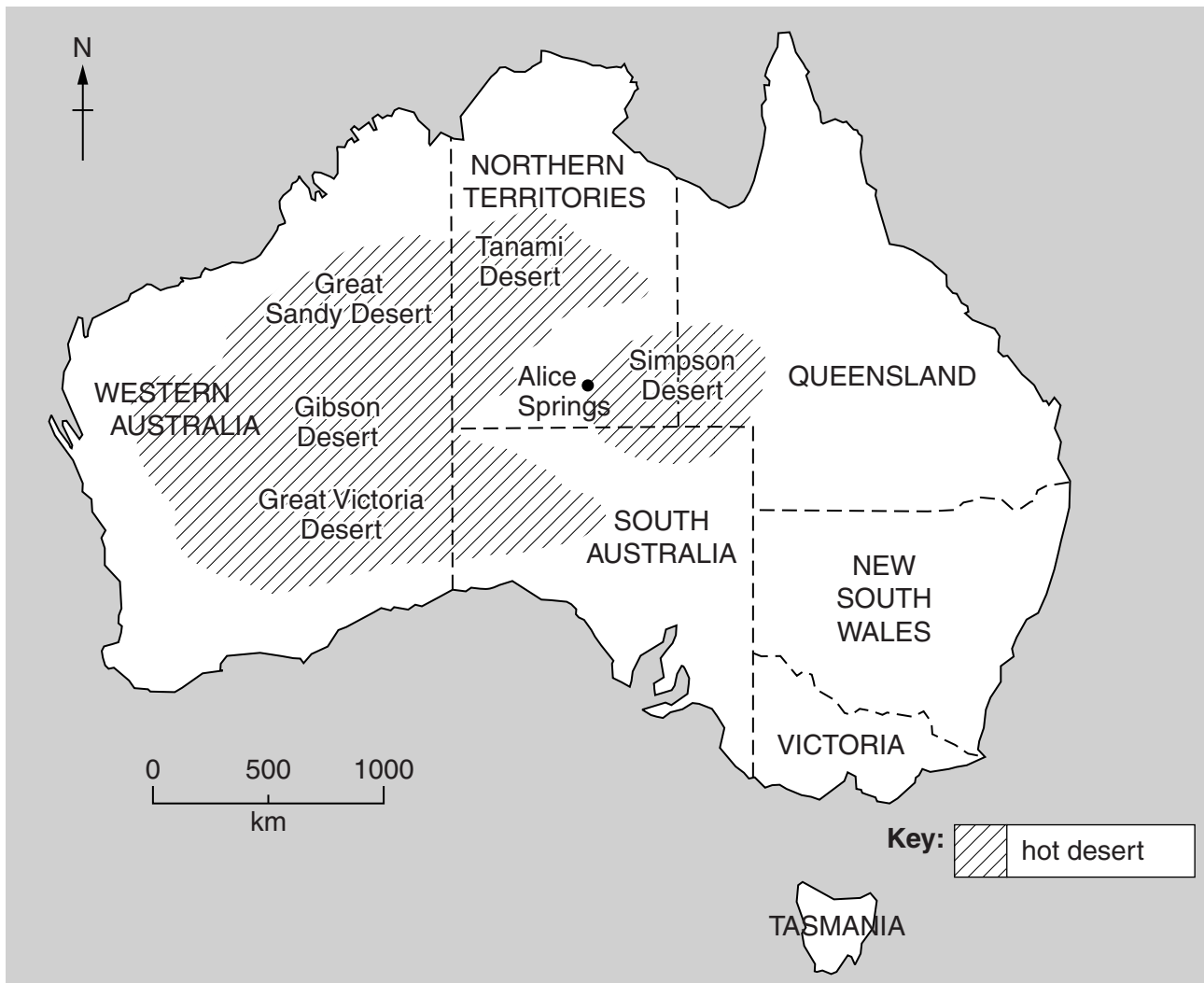


Fig. 2 Hot deserts in Australia

(i) Which hot desert is mostly in the Northern Territories?

Circle the correct answer.

Gibson Desert Great Sandy Desert Great Victoria Desert Tanami Desert [1]

(ii) Approximately what percentage of Australia is hot desert?

Circle the correct answer.

1% 15% 33% 75% [1]

(d) Study Fig. 3 and Photograph A in the separate Insert.

Fig. 3 and Photograph A show some information about a motorbike race in a hot desert area of Australia.

(i) Suggest **three** ways in which the natural environment will be challenging for the riders in the Finke Desert Race.

1

.....

2

.....

3

.....

[3]

(ii) Suggest any type of resource which a spectator could use to find out about the environment along the route of the Finke Desert Race.

Explain why the resource will be useful to a spectator when planning their visit.

Resource chosen

Why it will be useful to a spectator

.....

.....

.....

.....

[2]

2 Some plants and animals can live in a hot desert environment.

(a) (i) Name **one** example of a plant or animal which can live in a hot desert environment.

..... [1]

(ii) Explain how plants and/or animals can live in the extreme conditions there.

.....
.....
.....
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.....
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.....
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.....
.....
..... [4]

(b) Explain how sand dunes are formed in a hot desert. You may draw a labelled diagram to help you.

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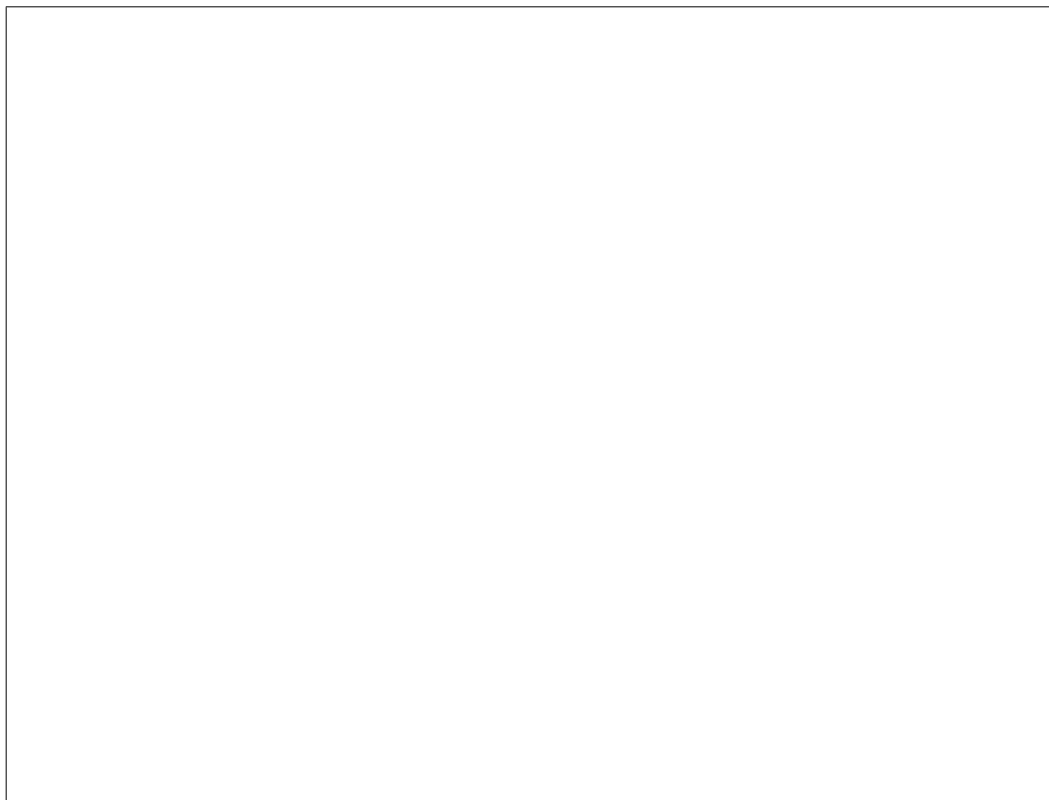
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[6]

SECTION B – Your chosen extreme environment

Answer **all** questions. Your answers in this section must refer to **either** a polar **or** a mountain environment.

Circle the extreme environment which you have studied.

Polar

Mountain

3 (a) (i) Name a specific area where this extreme environment is located.

..... [1]

(ii) Describe the location of the area of the extreme environment named in **3(a)(i)**.

.....
.....
.....
..... [2]

(b) For the area which you named in **3(a)(i)**:

(i) Describe how the climate is extreme.

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

4 Polar and mountain environments are used in a variety of ways.

Circle the extreme environment which you have studied.

Polar

Mountain

(a) (i) Describe **three** different ways in which this type of extreme environment can be used by people.

1

.....

2

.....

3

.....

[3]

(ii) Choose **two** difficulties which people in this type of extreme environment face. Explain how people may overcome each difficulty.

Difficulty 1

How people overcome it

.....

.....

Difficulty 2

How people overcome it

.....

.....

[4]

(b) Changes affect polar and mountain environments, including the area you have studied.

(i) Describe **one** of these changes in your chosen polar or mountain area.

.....
.....
.....
..... [2]

(ii) Explain **two** ways this change can affect people and/or the natural environment.

Way 1
.....
.....
.....

Way 2
.....
.....
.....

[4]

END OF QUESTION PAPER

ADDITIONAL ANSWER SPACE

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

A large area of lined paper for writing answers. It features a vertical margin line on the left side and horizontal dotted lines for writing. The lines are evenly spaced and extend across the width of the page.

A large area of the page is filled with horizontal dotted lines, providing a space for writing answers. A solid vertical line runs down the left side of this area, creating a margin.



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