

Surname	Centre Number	Candidate Number
Other Names		0



GCSE

4241/02



S15-4241-02

**GEOGRAPHY
(Specification B)
HIGHER TIER
UNIT 1**

P.M. TUESDAY, 19 May 2015

1 hour

For Examiner's use only		
Question	Maximum Mark	Mark Awarded
1.	30	
SPaG	3	
2.	30	
SPaG	3	
Total	66	

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INSTRUCTIONS TO CANDIDATES

Use black ink or black ball-point pen. Do not use gel pen or correction fluid.

Write your name, centre number and candidate number in the spaces at the top of this page.

Answer **both** questions. At the end of each question there is a choice of case studies.

Write your answers in the spaces provided in this booklet.

If you run out of space, use the continuation pages at the back of the booklet, taking care to number the question(s) correctly.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets [] at the end of each question or part-question.

You are reminded that assessment will take into account the Quality of Written Communication used in your answers to questions 1(e) and 2(e).

In addition, your ability to spell, punctuate and use grammar accurately will be assessed in your answers to questions 1(e) and 2(e).

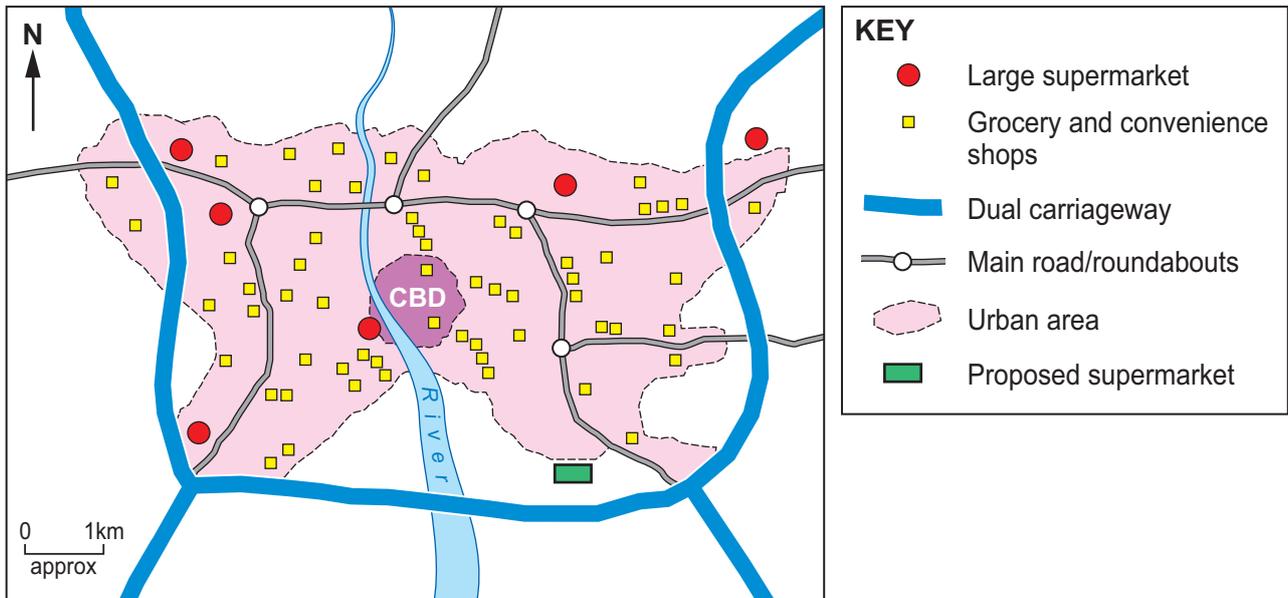


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Theme 1: Challenges of Living in a Built Environment

Answer all parts of (a) to (d). There is a choice of questions in (e).

1. (a) Study the sketch map below. It shows the distribution of selected shops found in most UK cities.



- (i) Describe the distribution of the large supermarkets shown on the map. [2]

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- (ii) Compare the distribution of these supermarkets with that of the grocery and convenience shops. [2]

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- (iii) The distribution of shops within urban areas is linked to **three** key geographical terms.

Draw lines to match **each** of the **three** terms with its correct definition. One of the definitions provided is incorrect. [3]

Geographical term**Definition**

Catchment

The maximum distance shoppers are prepared to travel, in order to buy goods.

Range

The area surrounding a shop from which its customers come.

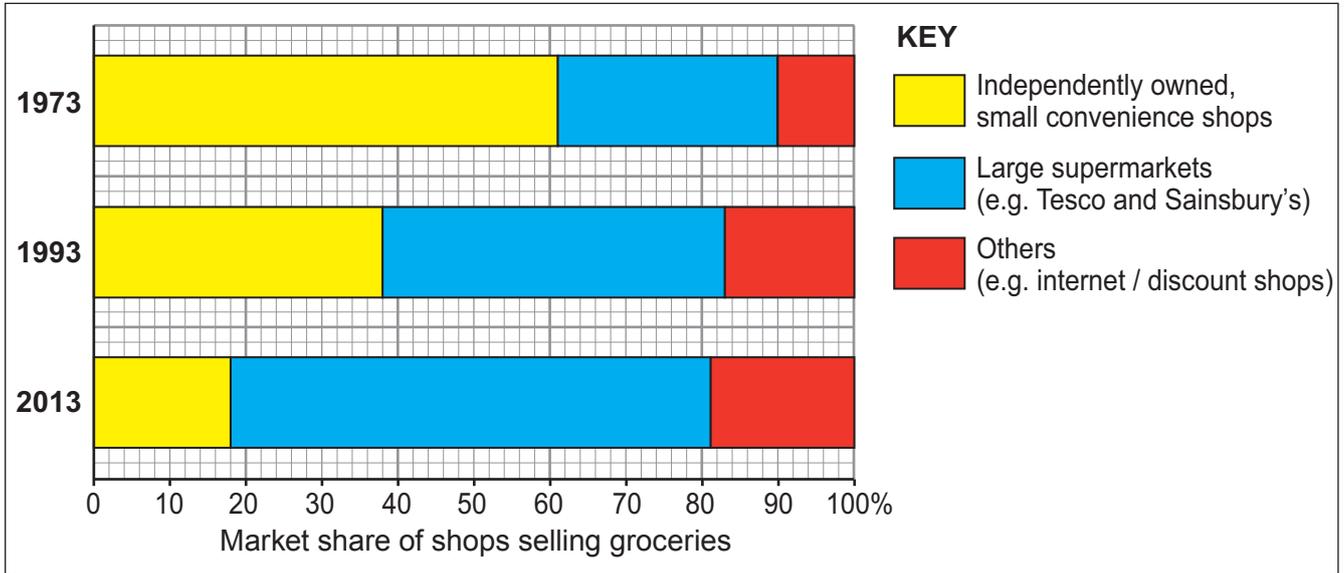
Threshold

The area surrounding the shop from which it receives the goods that the shop sells.

The minimum number of customers needed to visit a shop in order to make it profitable.



(b) Study the graphs below. They show changes in market share (percentage of sales) of shops selling groceries.



Describe the changes shown in market share for groceries between 1973 and 2013. Use figures to support your answer.

[3]

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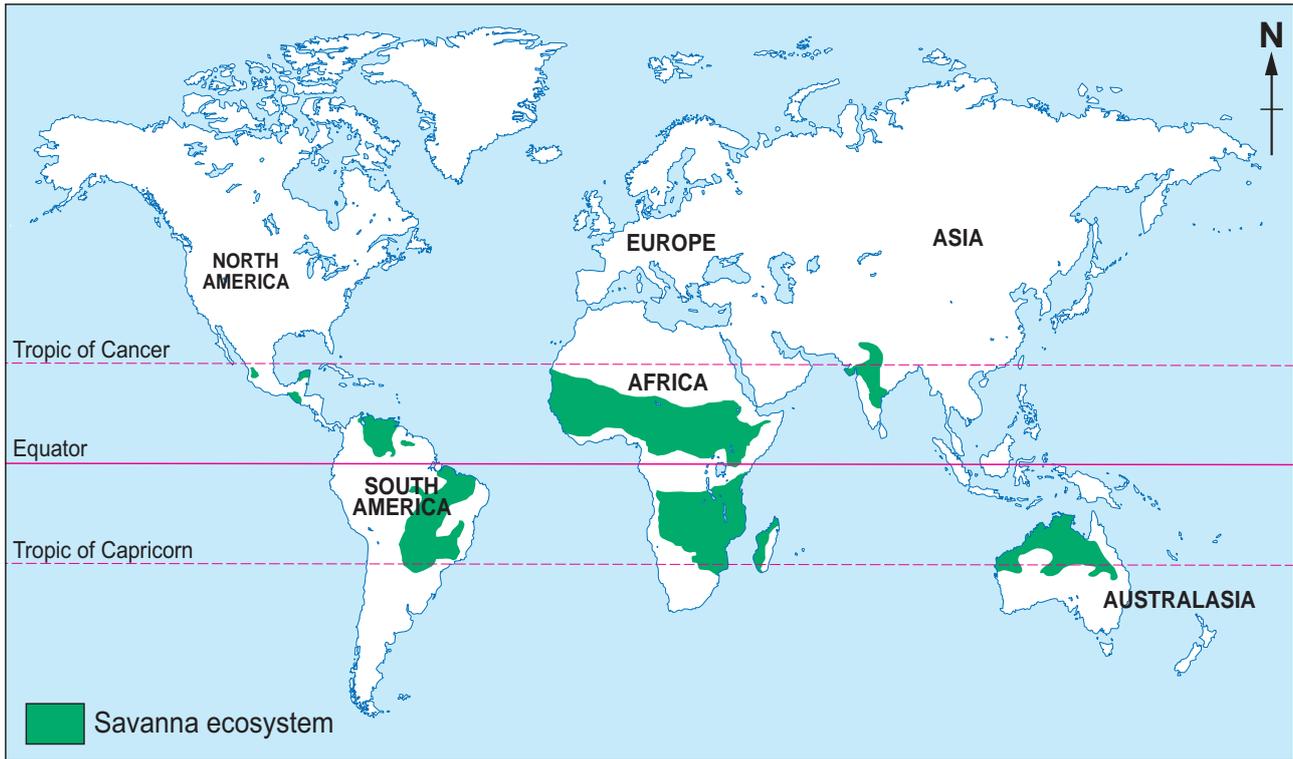
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Theme 2: Physical Processes and the Relationships between People and Environments

Answer all parts of (a) to (d). There is a choice of question in (e).

2. (a) Large ecosystems (biomes) cover much of the Earth's surface. Study the map below. It shows the distribution of savanna ecosystems.



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- (i) Describe the distribution of savanna ecosystems.

[2]

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Study the photograph below. It shows an area of the savanna ecosystem in Africa.



- (ii) Geographical terms are used to help explain how ecosystems function. Draw lines to match **each** of the **three** terms with the correct definition.

One of the definitions provided is incorrect.

[3]

Geographical term

Definition

Abiotic

The exchange and movement of organic and inorganic matter within ecosystems.

Nutrient Cycle

The non-living components such as air, water and heat, within ecosystems.

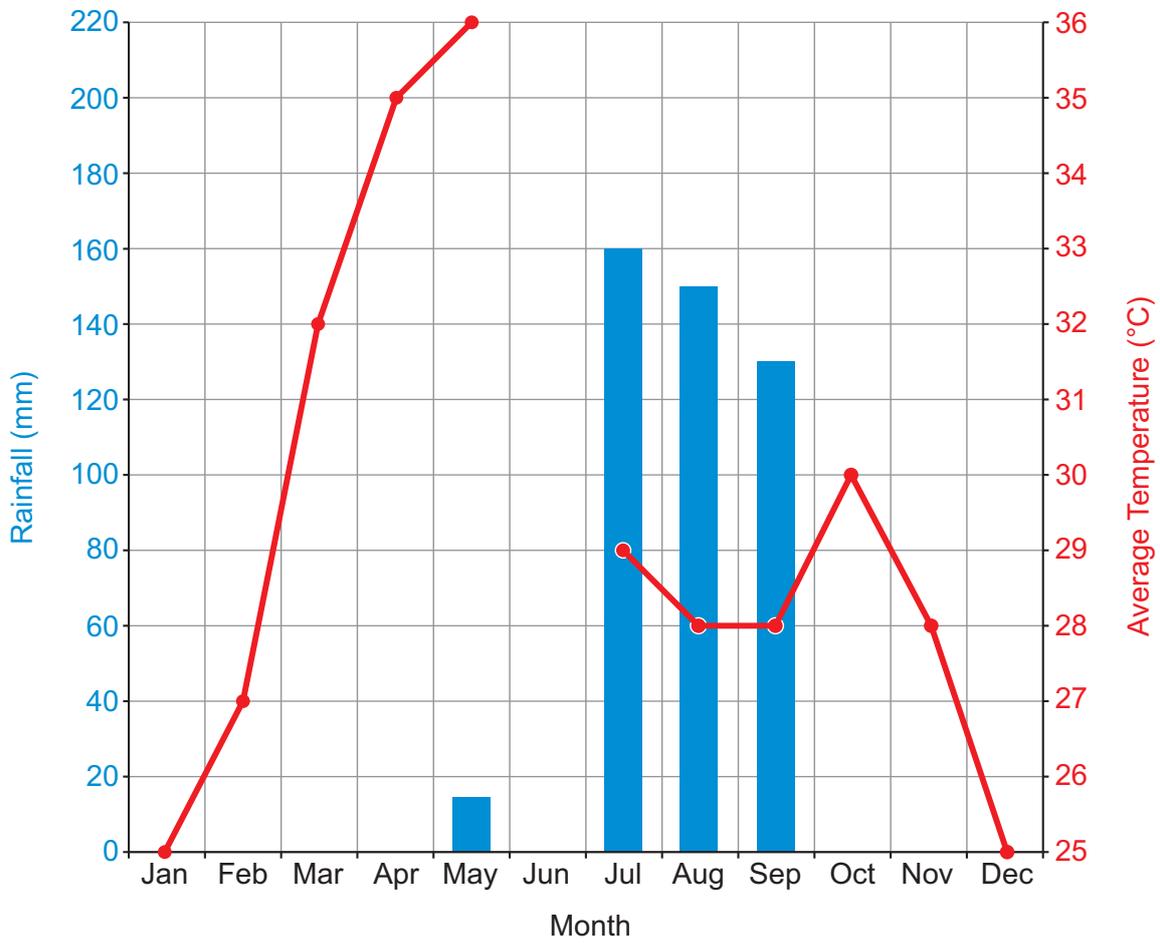
Producers

The exchange and movement of precipitation.

Organisms, such as plants, which are key components of food webs.



(b) Study the climate graph below. It shows information about an area of savanna in Africa.



(i) Complete the climate graph by plotting the following figures:

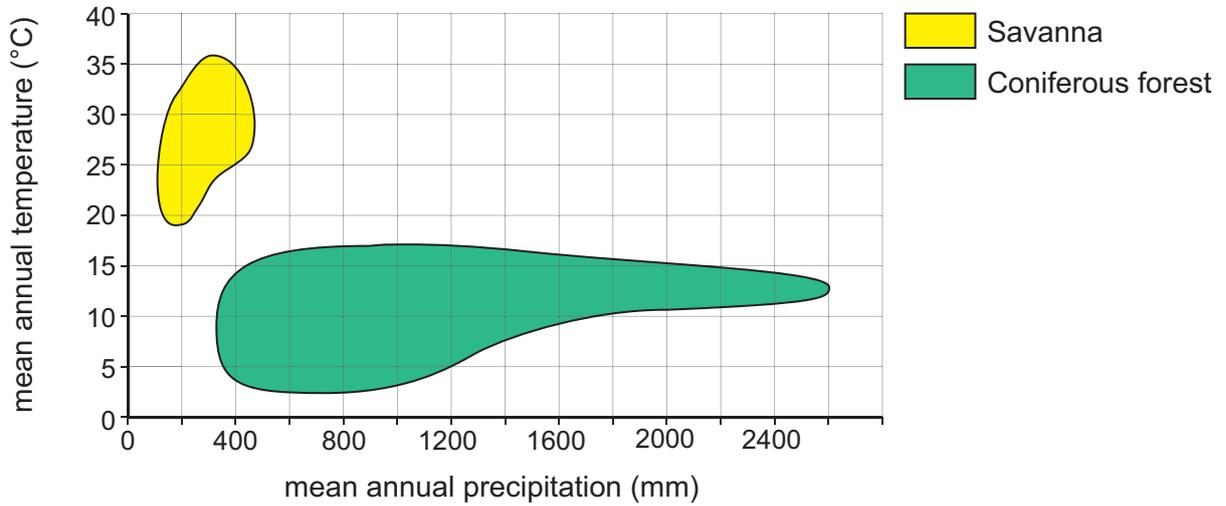
[2]

Temperature in June = 33°C

Rainfall in June = 100 mm



Study the graph below. It shows the relationship between climate and two selected biomes.



- (ii) Compare the biomes of the savanna and the coniferous forest in relation to temperature and precipitation. Use figures to support your answer. [3]

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