

Surname	Centre Number	Candidate Number
Other Names		0



GCSE

4241/01



S15-4241-01

**GEOGRAPHY
(Specification B)
FOUNDATION 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(g).

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

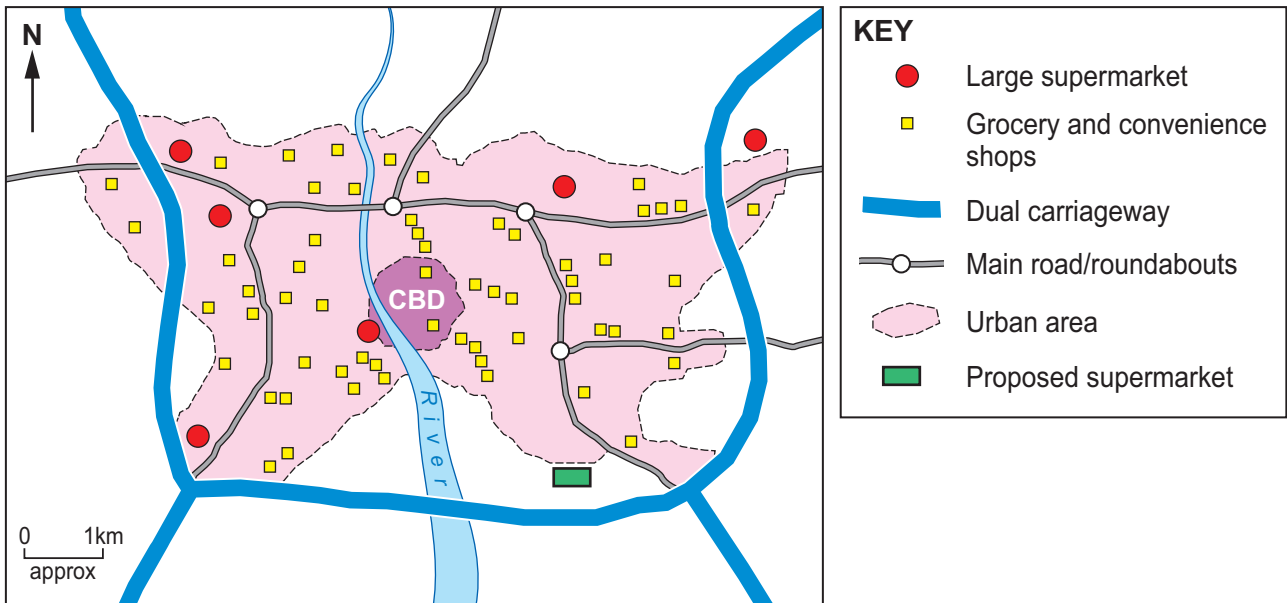


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Theme 1: Challenges of Living in a Built Environment

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 towns and cities.



Describe the distribution of the large supermarkets shown on the map by ticking (✓) the correct answers in the statements below. [3]

- | | |
|--|--|
| <p>(i) Most large supermarkets are found</p> | <p style="text-align: right;">near the CBD <input type="checkbox"/></p> <p style="text-align: right;">on the edge of the city <input type="checkbox"/></p> <p style="text-align: right;">near the river <input type="checkbox"/></p> |
| <p>(ii) There are more large supermarkets in the</p> | <p style="text-align: right;">north and west <input type="checkbox"/></p> <p style="text-align: right;">north and south <input type="checkbox"/></p> <p style="text-align: right;">south and east <input type="checkbox"/></p> |
| <p>(iii) Most large supermarkets are found</p> | <p style="text-align: right;">inside the CBD <input type="checkbox"/></p> <p style="text-align: right;">near to main roads <input type="checkbox"/></p> <p style="text-align: right;">away from main roads <input type="checkbox"/></p> |



- (iv) Describe **two** ways in which the distribution of grocery and convenience shops is different to that of the larger supermarkets. [2]

First difference

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Second difference

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- (v) Complete the 'heads and tails' sentences below by drawing lines to link the terms with the correct definitions. One has been done for you.

Heads		Tails	
A	Catchment ...	1	... the maximum distance shoppers are prepared to travel in order to buy goods.
B	Range ...	2	... the area surrounding a shop from which its customers come.
C	Threshold ...	3	... the area of a town or city where shops are located.
D	Retail zone ...	4	... the minimum number of customers needed by a shop in order to make a profit.

Add the number of the correct tail. [2]

A	
B	
C	
D	3

- (vi) Study the location of the proposed supermarket on the map. Explain why this is a suitable location for a new supermarket. [3]

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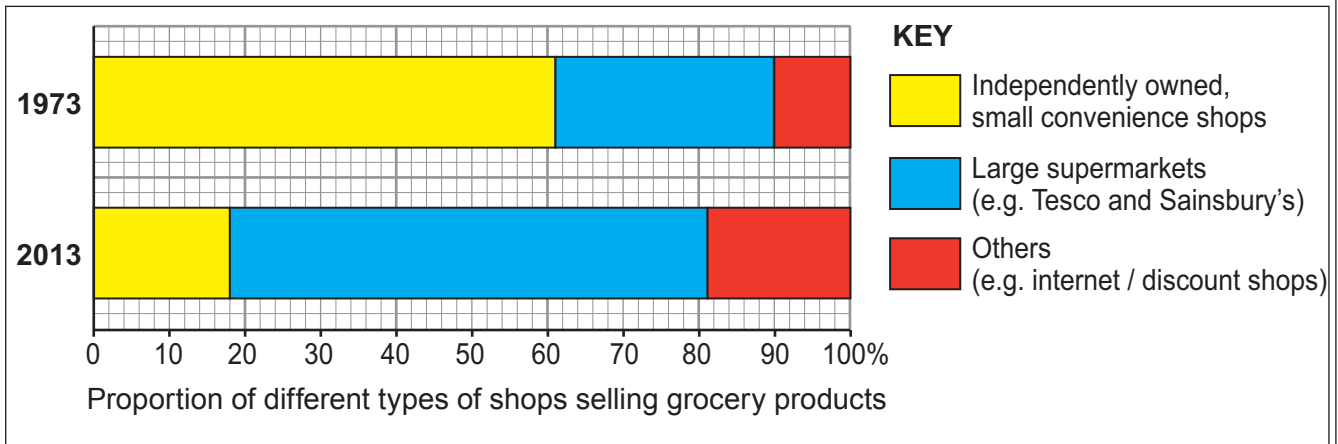
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(b) Study the graphs below. They show changes in the proportion of different types of shops selling grocery products (food and drink).



(i) Describe the changes between 1973 and 2013 by ticking (✓) the **two** correct statements below. [2]

More grocery products were sold by independently owned, small convenience shops in 1973 than 2013.

Less grocery products were sold by independently owned, small convenience shops in 1973 than 2013.

The biggest increase in the share of sales of grocery products has been by others (internet/discount shops).

The biggest increase in the share of sales of grocery products has been by large supermarkets.

(ii) Give **two** reasons why shopping on the internet has become more popular in recent years. [2]

Reason 1

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Reason 2

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- (c) Many small convenience shops have closed in recent years. An elderly resident gives her viewpoint.

I used to enjoy my daily walk to see the grocer. We used to talk for ages. I find it difficult to get to the large supermarkets.

- (i) Explain why closing small convenience shops could affect the quality of life of elderly people. [4]

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- (ii) In some urban areas, as well as shops closing, some pubs and churches are closing.

Explain why planners might be worried about having an increasing number of empty buildings in urban areas. [3]

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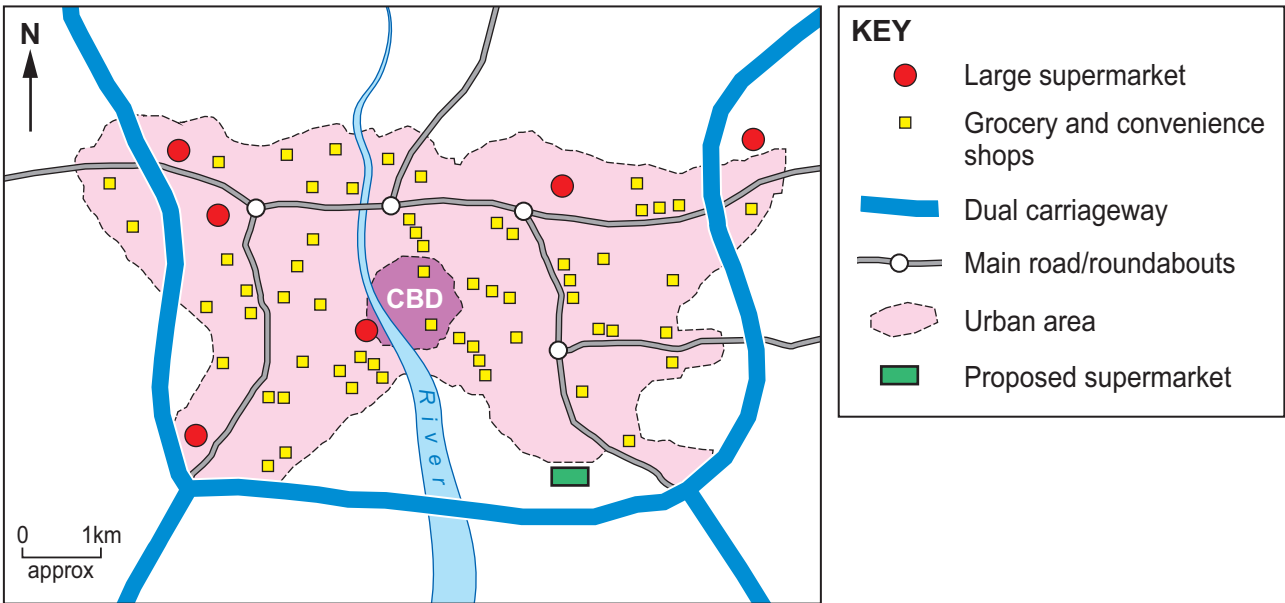
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(d) Study the map below. It shows the location of a proposed large supermarket.



Explain why people living nearby have mixed feelings about it being built. You should include both positive and negative points in your answer. [4]

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(e) Case Studies

Answer only **one** of the questions, **either (i) or (ii)**.

You will be assessed on your spelling, punctuation and accurate use of grammar in this question.

Either,

**Tick (✓)
your choice**

(i) A case study about rural to urban migration:

- Name a city to which people are moving;
- Explain why people leave the countryside and move to this city;
- Describe problems this creates for planners in this city.

Or,

(ii) A case study about conflict resulting from leisure use in a rural area:

- Name a rural area where leisure use is causing conflict;
- Explain why this conflict occurs;
- Describe how the conflict is being managed.

[5+3]

Name of place studied:

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End of Theme 1



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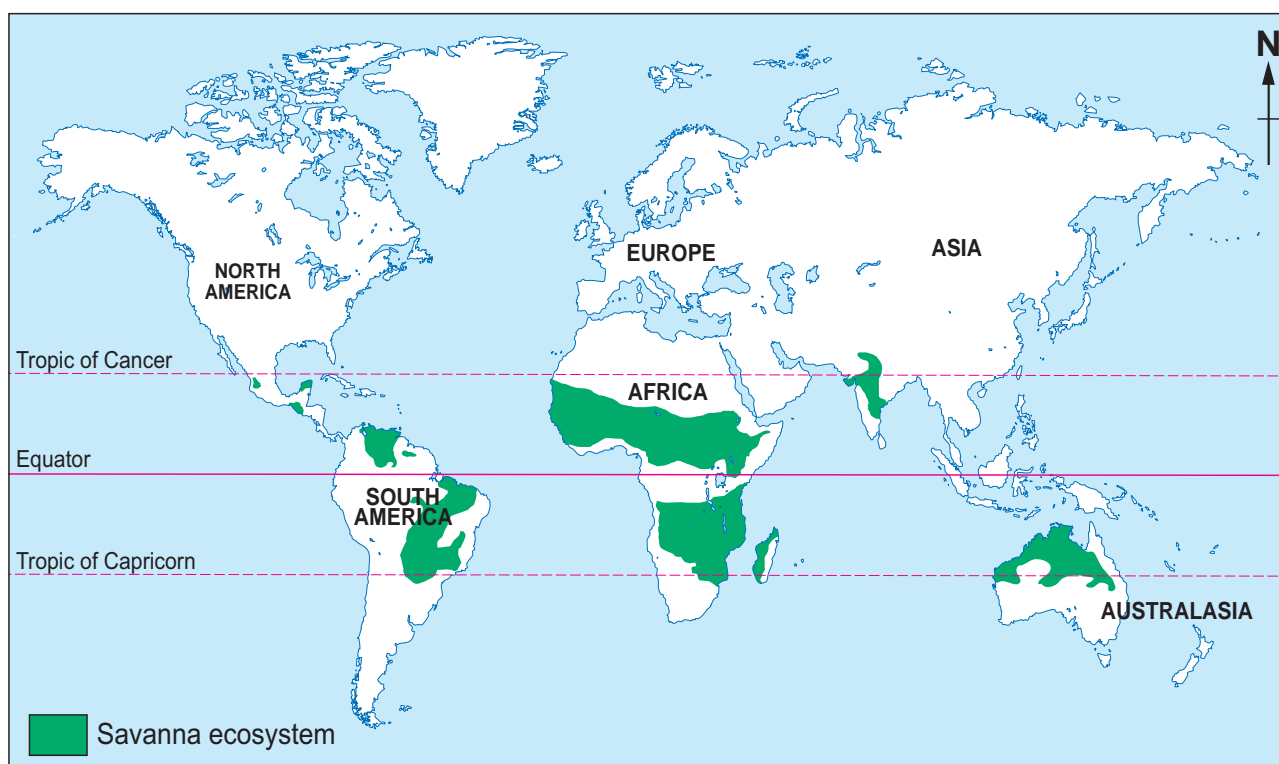
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Theme 2: Physical Processes and Relationships between People and Environments

Answer **all** parts of (a) to (f). There is a choice of question in (g).

2. (a) Study the map below. It shows the location of the main areas of savanna. Savanna is a tropical grassland ecosystem.



Use the map to decide which **two** of the following statements are correct. [2]

Tick (✓) the correct answers in the list below.

- (i) There are large areas of savanna in North America
- (ii) Most savanna is found between the Tropic of Cancer and the Tropic of Capricorn
- (iii) There are large areas of savanna in Africa
- (iv) Most savanna is found north of the Tropic of Cancer



(b) Study the photograph below which shows an area of savanna in Africa.



Give **two** features of the natural vegetation as shown in the photograph.

[2]

(i) Feature 1

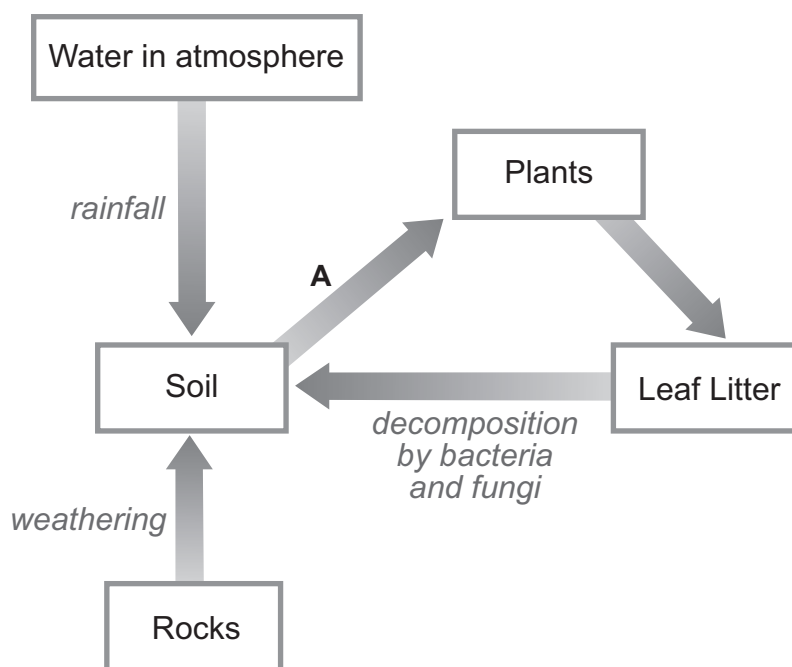
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(ii) Feature 2

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(c) The diagram below shows some processes within the savanna ecosystem.



Choose the correct label for arrow **A**. Tick (✓) your choice.

[1]

- (i) Energy from the sun
- (ii) Herbivores eat the plants
- (iii) Plants take up nutrients from the soil

(iv) Use the information in the diagram to explain the importance of bacteria and fungi. [2]

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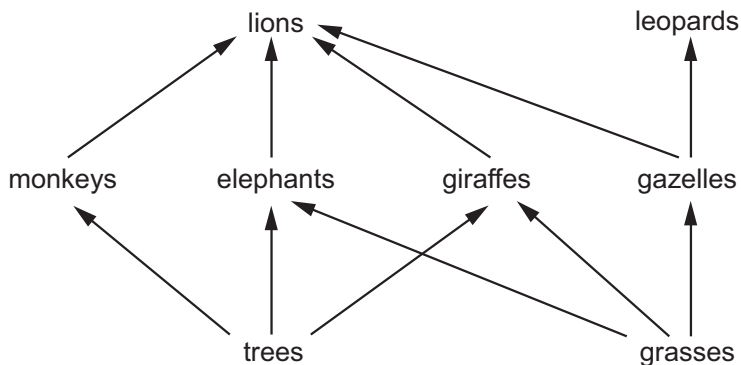
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(d) Study the diagram below which shows a savanna food web.

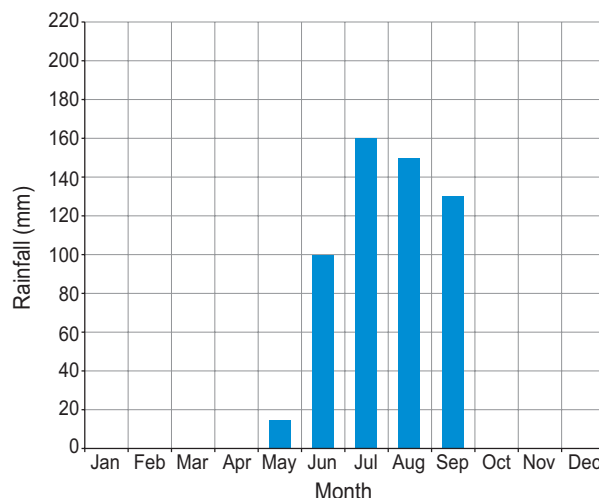
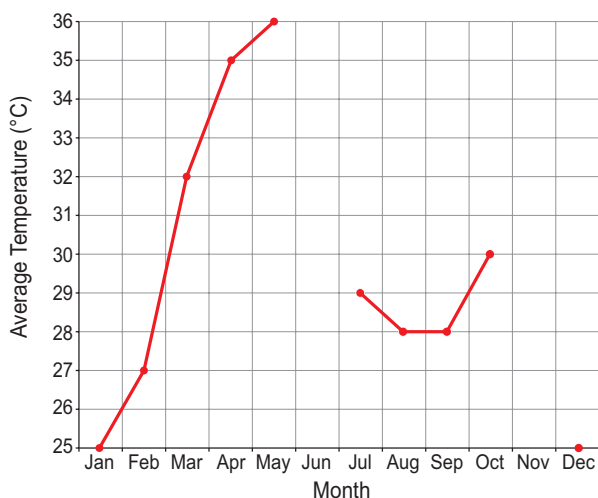


Name **one** example of **each** of the following from the food web shown in the diagram.

[2]

	Example from the diagram
Carnivore (meat-eating animal)	
Herbivore (plant-eating animal)	

(e) Study the graphs below. They show climate information for an area of savanna.



There is usually no rainfall between October and April in this area of savanna.

(i) Complete the temperature graph by plotting the following figures.

[2]

June 33°C

November 28°C

(ii) Complete the sentences below using the information in the graphs.

[3]

The month with the highest temperature is

Total amount of rainfall in the wettest month in mm is mm.

Number of months when the rainfall was less than 20 mm is months.



(f) One of the greatest problems facing people living in the savanna is **desertification**. This is the process by which dry environments become more like deserts.



Overgrazing



Collecting firewood

(i) Explain why the activities shown in the photographs can lead to desertification. [4]

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(ii) Explain why desertification makes everyday life very difficult for the people who live there. Use the photographs to help you in your answer. [3]

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(iii) Describe some of the measures that people are taking to try to manage the problem of desertification. [4]

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(g) Case Studies

Answer only **one** of the questions, **either (i) or (ii)**.

You will be assessed on your spelling, punctuation and accurate use of grammar in this question.

Either,

**Tick (✓)
your choice**

(i) A case study about an extreme weather event:

- Name the place(s) affected by the weather event;
- Explain causes of this weather event;
- Describe the effects of this weather event on people.

Or,

(ii) A case study about a river flood:

- Name the place(s) affected by this river flood;
- Explain the physical causes of this flood;
- Describe the effects of this flood on people.

[5+3]

Name of place(s) studied:

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5	3



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