Surname

Centre Number Candidate Number

Other Names

wjec cbac

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		

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).

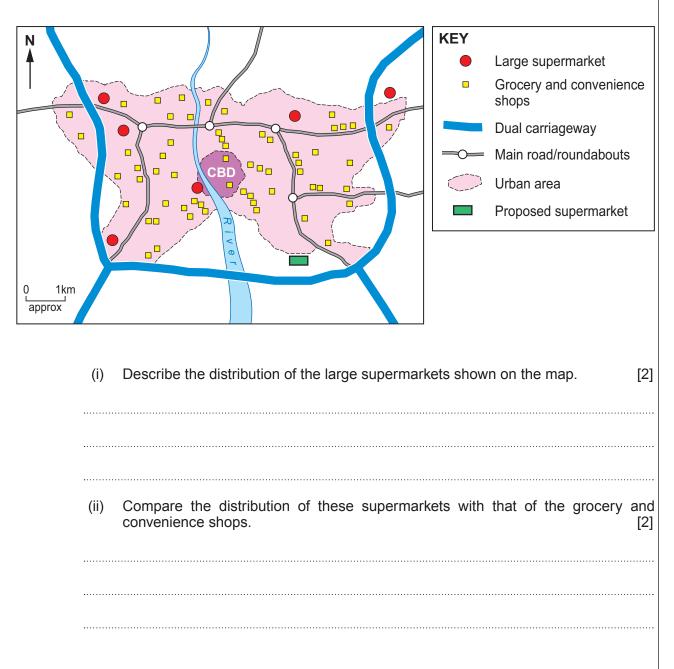
In addition, your ability to spell, punctuate and use grammar accurately will be assessed in your answers to questions 1(*e*) and 2(*e*).



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.





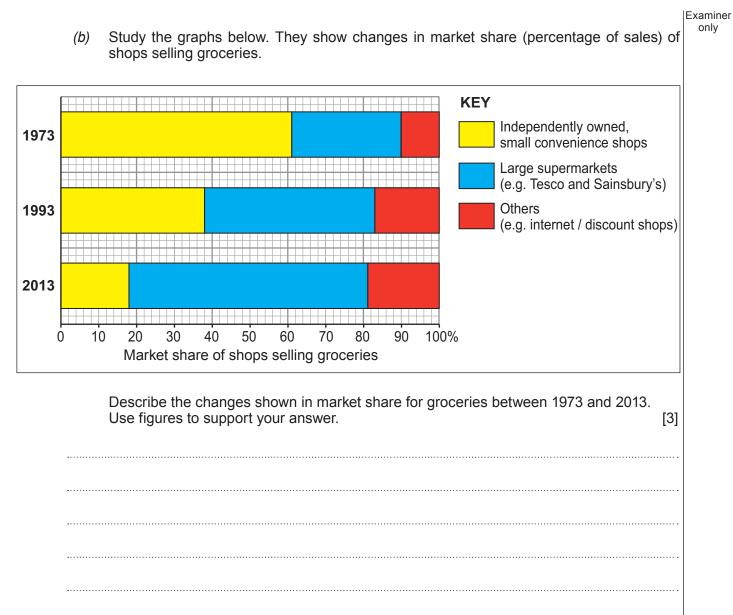
> 4241 020003

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

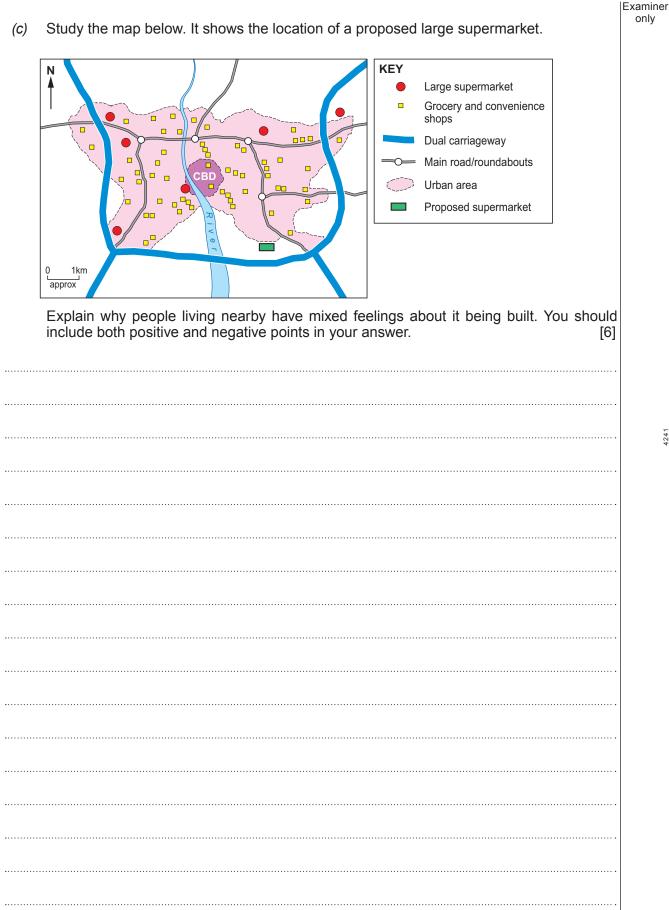
Draw lines to match **each** of the **three** terms with its correct definition. One of the definitions provided is incorrect. [3]

Geographical termDefinitionCatchmentThe maximum distance shoppers are
prepared to travel, in order to buy goods.RangeThe area surrounding a shop from which its
customers come.ThresholdThe 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.













Turn over.

(d)	In recent years many local services such as convenience shops, pubs and post offices have closed. Small supermarkets sometimes open in these empty buildings.	Examiner only
	Describe impacts this change may have on the local community. You may refer to social, economic or environmental impacts. [6]	
•••••		



		7			
(e)	Cas	e Studies		Exam onl	
	Ansı	ver only one of the questions, either (i) or (ii).			
	You ques	will be assessed on your spelling, punctuation and accurate use of stion.	grammar in this		
	Eith	er,	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 are	a:		
		 Name a rural area where leisure use is causing conflict; Explain why this conflict occurs; Describe how the conflict is being managed. 			
			[8+3]		
		Name of place studied:			4241 020007
	•••••			 	
				8	3
	•••••				
	.				
	•••••				
	•••••				



Turn over.

8	
	Examiner only

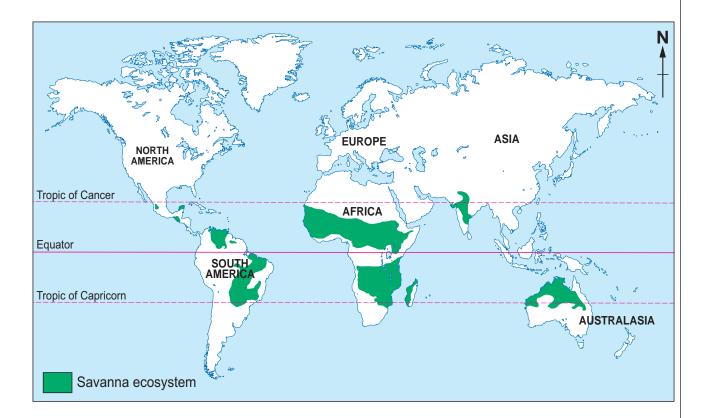
End of Theme 1



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.

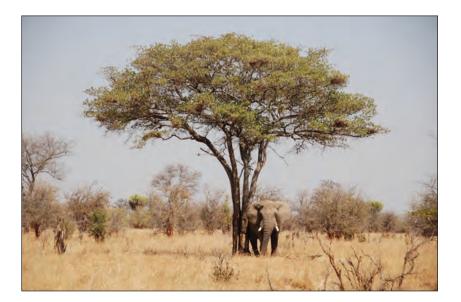


(i) Describe the distribution of savanna ecosystems.



[2]

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



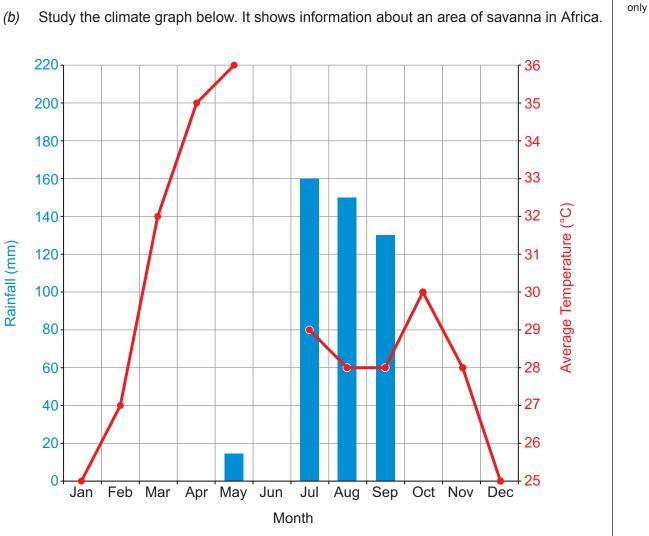
(ii) Geographical terms are used to help explain how ecosystems function. Draw lines to match **each** of the **three** terms with the correct definition.

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.





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

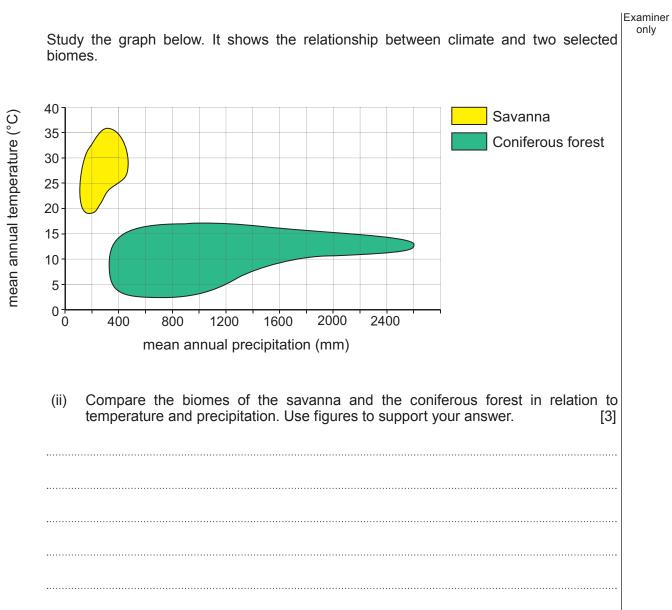
Temperature in June = 33°C Rainfall in June = 100 mm



Turn over.

[2]

Examiner





(c) Desertification is having a significant impact on parts of the savanna ecosystem.



Explain why everyday life is challenging in savanna areas affected by desertification. Use the photographs and your own knowledge. [6]



(d)	Explain why the problems associated with desertification are difficult to manage at a local and international scale. [6]	Examiner only
•••••		
······		
•••••		
•••••		



		15		
e)	Case	e Studies		niner 1ly
- /		ver only one of the questions, either (i) or (ii).		
		will be assessed on your spelling, punctuation and accurate use of grammar in this	;	
	ques	tion.		
	Eith	er,		
	(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. 		
		[8+3]		
		Name of place(s) studied:		
			8	3
	•••••			
	•••••			
	•••••			



End of Theme 2

END OF PAPER



BLANK PAGE

17

PLEASE DO NOT WRITE ON THIS PAGE



uestion umber	Additional page, if required. Write the question number(s) in the left-hand margin.	Examin only



(4241-02)

© WJEC CBAC Ltd.

Question umber	Additional page, if required. Write the question number(s) in the left-hand margin.	Examir only
		•••••





PLEASE DO NOT WRITE ON THIS PAGE

