

Surname	Centre Number	Candidate Number
Other Names		0



GCSE

4241/01

**GEOGRAPHY
SPECIFICATION B
FOUNDATION TIER
UNIT 1**

A.M. THURSDAY, 14 June 2012

1 hour

For examiner's use only	
Question 1	
Question 2	
Total Marks	60

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 the case study question of each theme.



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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 maps below.



Circle the correct answers in the passage below.

Lanreath is a village located in south west England in the county of

Devon / Cornwall / Somerset. It is **8 / 18 / 28** km west of Plymouth, which is the nearest city. There are no motorways in this area and the closest main road is the

A39 / A38 / A386.

[3]

- (b) Study the newspaper extract below.

SEPTEMBER 2004: LANREATH LOSES BATTLE TO KEEP LOCAL SHOP AND POST OFFICE

Residents of Lanreath complained that the recent shop and Post Office closure means that it is now a 4 mile round trip to their nearest shop. Lanreath has already suffered the loss of its pub and local bus service due to falling demand.

They are also worried about the future of their 200 year old primary school which is under threat of closure.

- (i) Give **one** service the village had already lost before the local shop and Post Office closed. [1]



- (ii) Give **one** problem that the closure of the village shop and Post Office may cause for local people. Explain how this may affect their quality of life. [2]

Problem:

Effect on quality of life:

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.....

- (iii) What type of goods do village shops mainly sell? [1]

Tick (✓) the correct answer in the table below.

	Tick (✓)
Comparison or High Order Goods (goods which are not bought very often e.g. furniture and cars)	
Convenience or Low Order Goods (goods which are bought nearly every day e.g. milk and newspapers)	

- (iv) The village shop and Post Office have already closed. Explain **two** ways in which the loss of **other** village services could affect the quality of life of local people. [4]

First Way

Effect on Quality of Life

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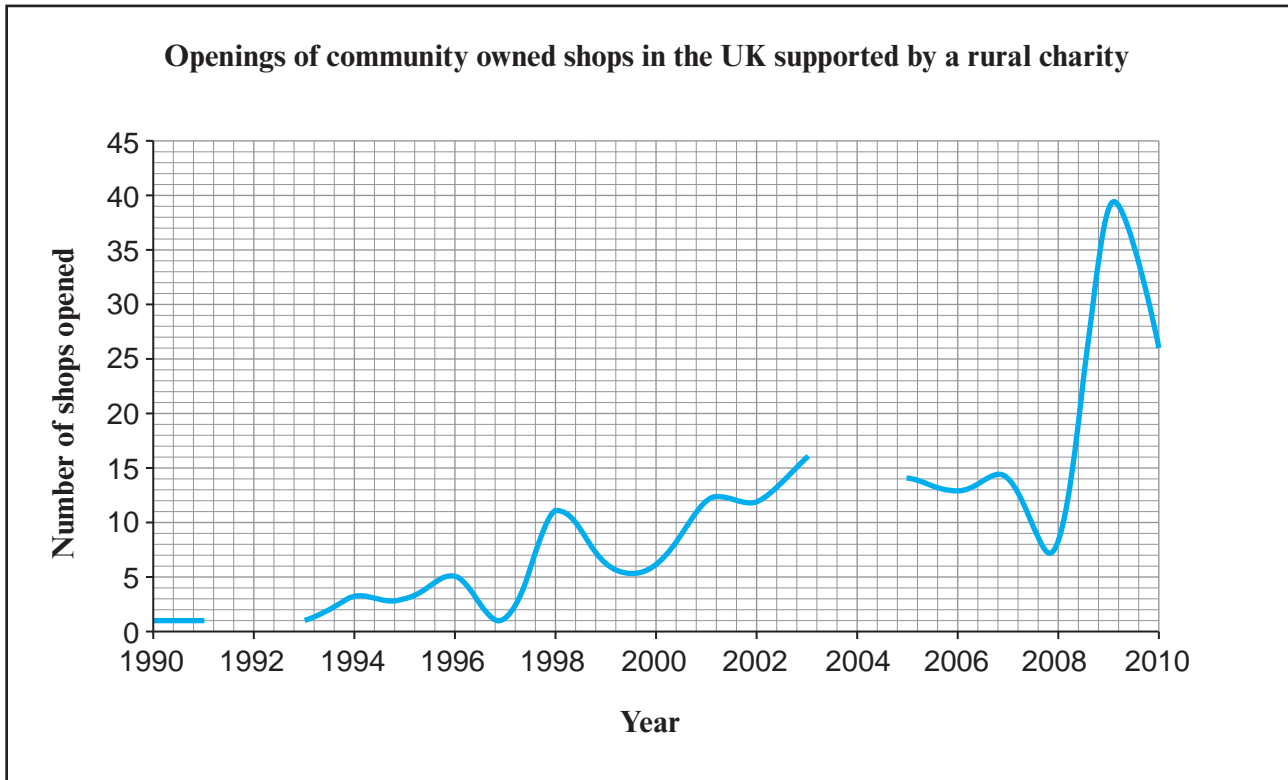
Second Way

Effect on Quality of Life

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(c) Study the graph below.



(i) Complete the graph above to show the following information:

[2]

Number of shops opened

1992	1
2004	20

(ii) Describe the pattern of the graph between 1990 and 2010. Use figures in your answer.

[3]

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(d) Read the information below.

June 2008: Rural charity helps new shop to open in Lanreath village

I work part-time as a manager in the shop. I am paid to do this. We have 18 unpaid volunteers who help to run it.

I am unemployed and work as a volunteer in the shop. We sell products from local farmers and local craftworkers.

(i) Explain **two** ways in which the opening of a new shop in Lanreath could affect the quality of life of local people. You may use information in the box to help your answer. [4]

First Way

Explanation

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Second Way

Explanation

.....

An increase in car ownership and improved ICT facilities such as broadband internet means there has been an increase in counter-urbanisation in England and Wales.

(ii) What is 'counter-urbanisation'? [1]

	Tick
People moving from rural to urban areas	
The increase in people living in urban areas	
People moving from urban to rural areas	



(iii) The population of rural villages, like Lanreath, is now increasing as young families move in. Explain the effects that this change might have on rural villages. [4]

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(e) Case Studies

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

Either

**Tick (✓)
your choice**

(i) For a named service in a town or city:

- Name the service.
- Describe where this service is located within the town or city.
- Explain why it is located here.

Or

(ii) For a town or city where there are variations in quality of life:

- Name the town or city.
- Describe how quality of life varies in different parts of the town/city.
- Explain why quality of life varies between these places.

[5]

Name

Describe

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Explain

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Total mark 30

End of Theme 1

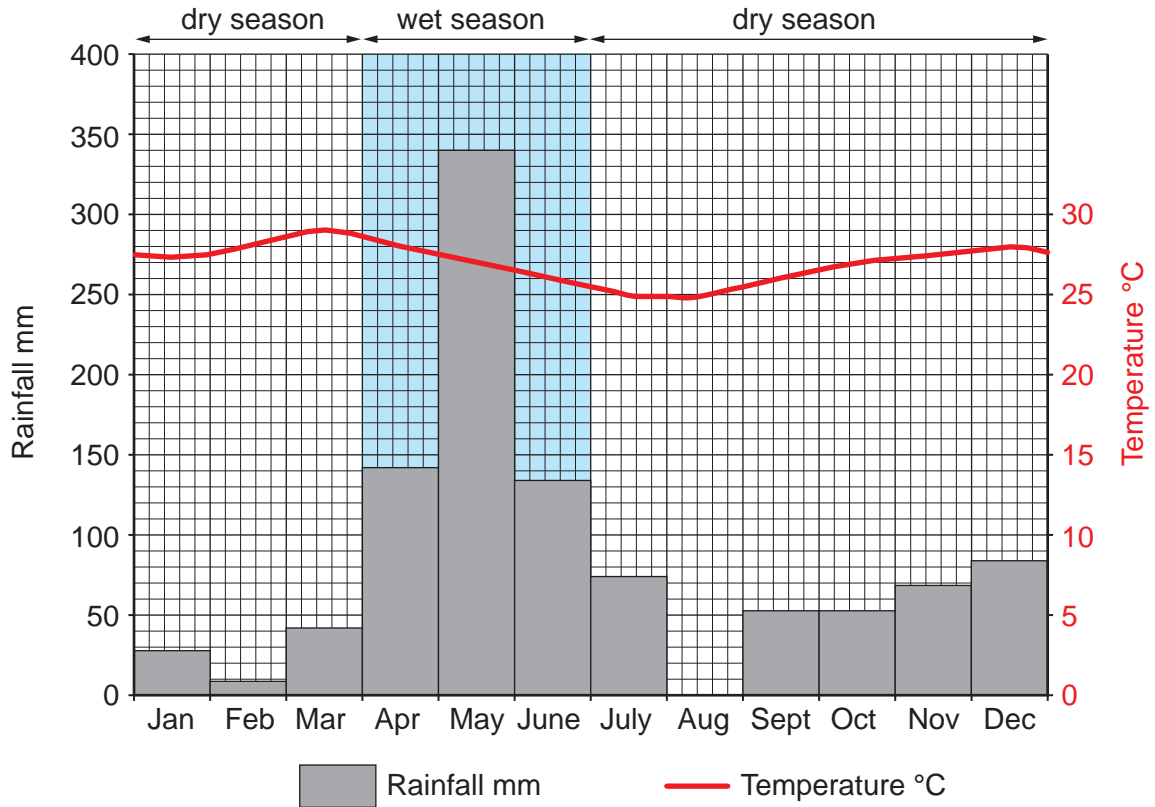
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Theme 2: People and the Natural World Interactions

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

2. (a) Study the climate graph of Kipini below.



(i) Complete the climate graph above to show the following information: [1]

August rainfall	40 mm
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(ii) In which month is the highest rainfall? [1]

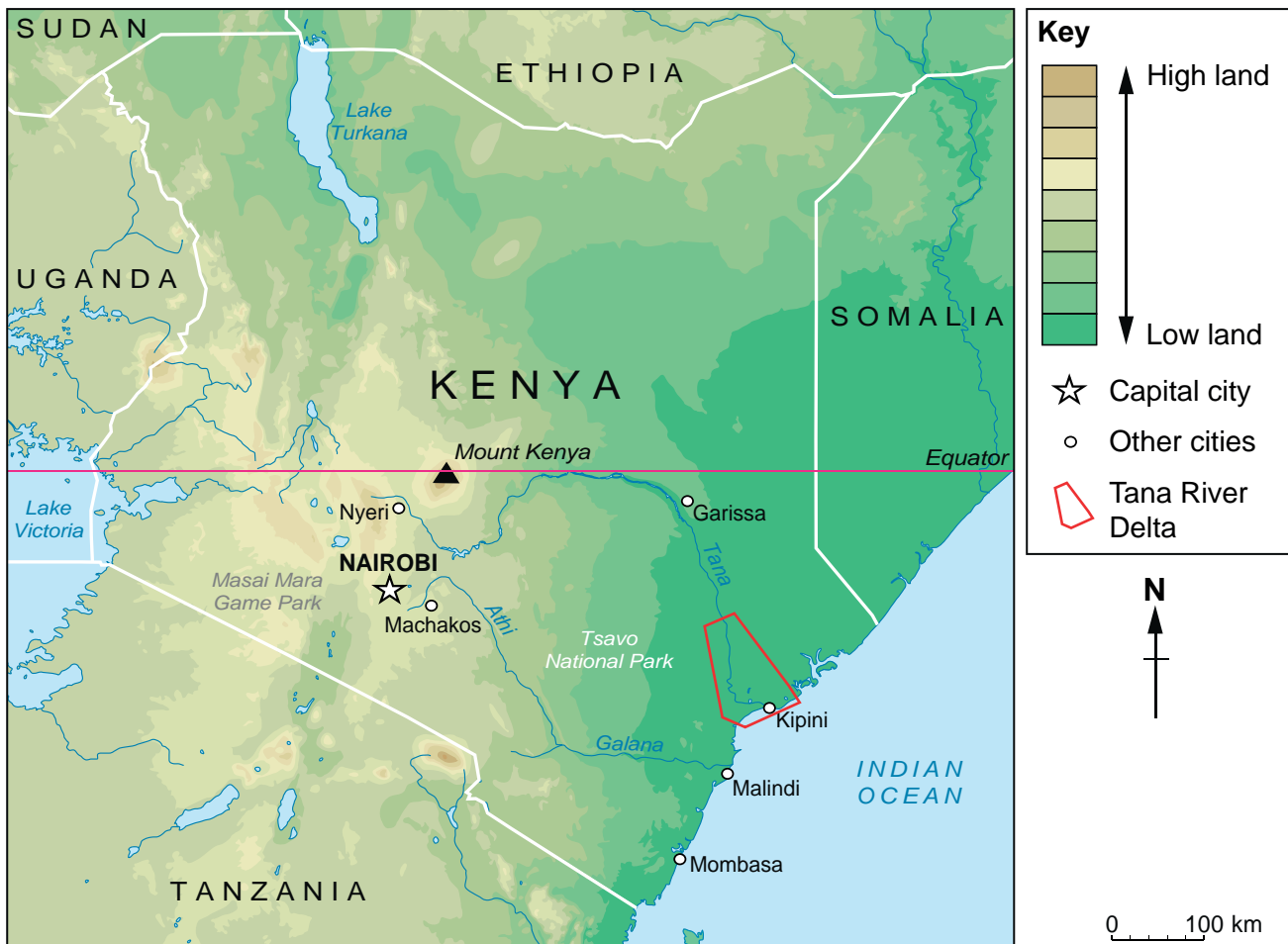
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(iii) For how many months does the dry season last? [1]

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Map 1 showing Kenya and the location of the Tana River Delta



The Tana River Delta in Kenya floods during the rainy season. During the dry season people move their cattle from the dry area to live on the delta. 30,000 farmers and fishermen rely on the delta for their jobs.

- (b) (i) Use information from Map 1 above to **circle** the correct answers in the passage below.

The source of the Tana river is in an area of high land close to the settlement of **Garissa / Machakos / Nyeri**. Between Garissa and Kipini it flows mainly in a **southerly / westerly / northerly** direction. At its mouth, the river flows into the **Indian Ocean / Lake Victoria / Lake Turkana** close to the town of Kipini. [3]



- (ii) The Tana Delta is formed as a result of deposition. What is meant by the term deposition? Tick (✓) the correct answer in the table below. [1]

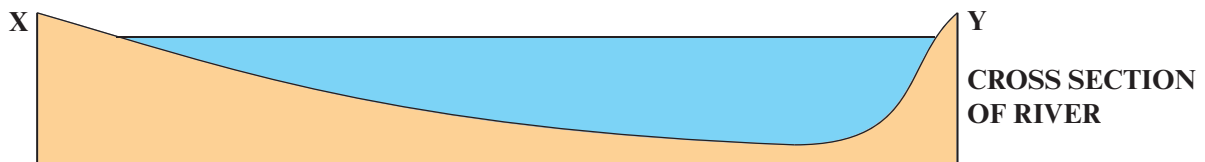
	Tick (✓)
The removal of material from a river bank by the force of water.	
The dropping of material as a river's speed slows.	
The carrying of material downstream by the river.	

- (iii) The flood plain of the Tana River Delta is used by farmers. Give one feature of a floodplain that makes it good for farming. [1]

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- (c) Study the photograph and cross section below. It shows part of a meander on the Tana River, Kenya.



- (i) On the photograph label with a letter the following three features of a meander: [3]

- A. river channel
- B. slip off slope /river beach
- C. river cliff



(ii) River cliffs are formed by erosion. Explain how a river erodes its bed and banks. [2]

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(iii) Rivers transport material. Explain how rivers transport material. [2]

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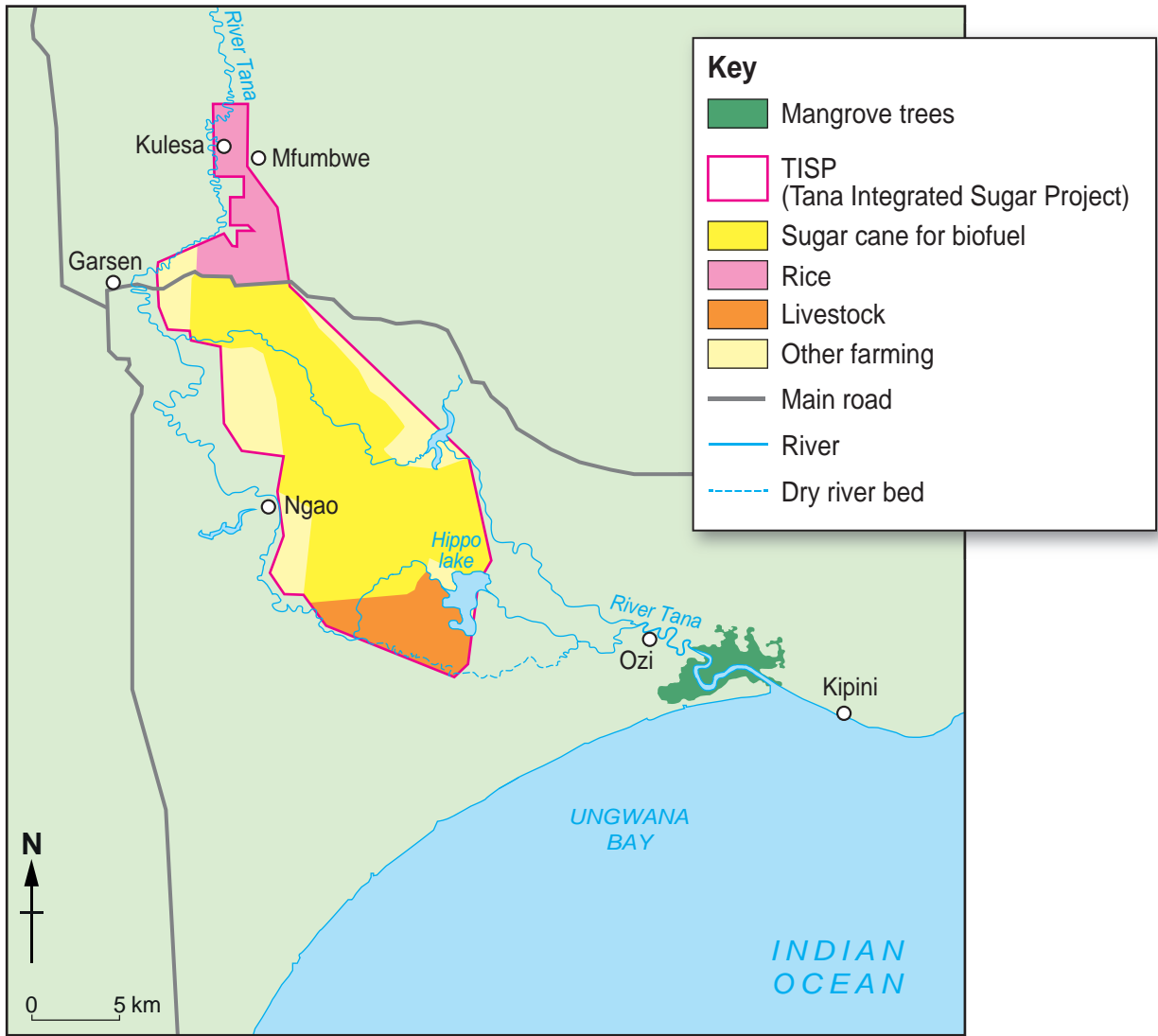
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Map 2: The Tana River Delta



The TISP (Tana Integrated Sugar Project) will employ 40,000 people in an area where the people are very poor.

The TISP will take a third of the Tana River's water for irrigating the sugar cane. Processing the sugar cane will produce a lot of waste which will go into the river.



(d) (i) Use Map 2 to name **one** food and **one** non-food use of the delta under the Tana Integrated Sugar Project (TISP). [2]

Food use:

Non-food use:

(ii) Give and explain **one** advantage and **one** disadvantage of the TISP. [4]

Advantage

Explain

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Disadvantage

Explain

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(iii) Explain how an unreliable supply of water might affect the quality of life of people living in the Tana delta area. [4]

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(e) Case Studies

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

Tick (✓)
your choice

Either

(i) For a period of weather caused by high **or** low pressure:

- Name the area affected by the weather.
- Describe the main features of the weather.
- Explain how the weather affected people.

Or

(ii) For a river **or** coastal landform that affects the lives of people:

- Name the landform.
- Describe the main features of the landform.
- Explain how the landform affects the lives of people.

[5]

Name

Describe

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Explain

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Total marks = 30



