



EXAMINATIONS COUNCIL OF ESWATINI
Eswatini General Certificate of Secondary Education

CANDIDATE
NAME

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CENTRE
NUMBER

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CANDIDATE
NUMBER

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GEOGRAPHY

6890/01

Paper 1 Geographical Themes

October/November 2024

1 hour 45 minutes

Candidates answer on the Question Paper

Additional materials: Ruler

READ THESE INSTRUCTIONS FIRST

Write your name, centre number and candidate number in the spaces provided.

Write in dark blue or black pen.

Do not use staples, paper clips, highlighters, glue or correction fluid.

Answer **three** questions.

Answer **one** question from each theme.

Sketch maps and diagrams should be drawn whenever they serve to illustrate an answer.

The Insert contains Fig. 2 for Question 1(b), Photographs A, B, C and D for Question 2(a), Photograph E for Question 3(b) and Photograph F for Question 4(b).

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

For Examiner's Use	
1	
2	
3	
4	
5	
6	
Total	

This document consists of **21** printed pages and **3** blank pages.

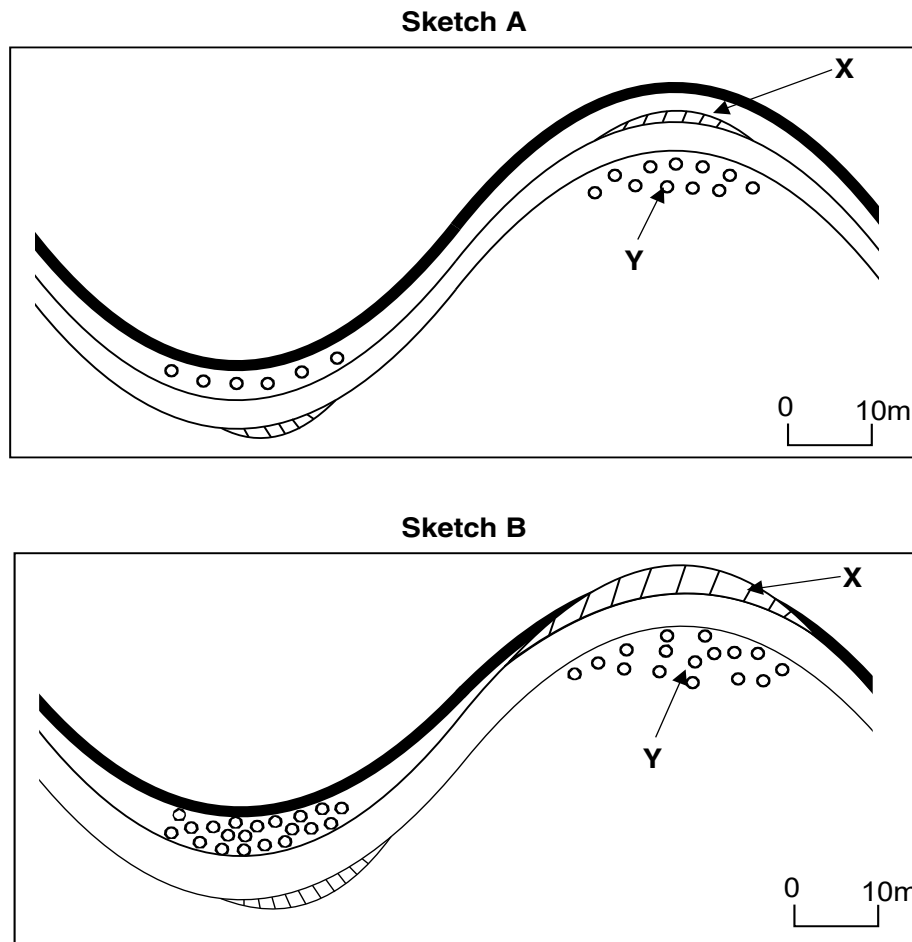
THEME 2: THE PHYSICAL WORLD

Answer **one** question.

- 1 (a) (i) Define a *river channel*.

.....
 [1]

- (ii) Study Fig. 1, which shows two sketch maps of the same river, Sketch **A** and Sketch **B**. Sketch **B** was drawn several years after Sketch **A**.

**Key****Fig. 1**

State the river processes that have taken place at **X** and **Y**.

X

Y [2]

(iii) Describe **three** changes that have taken place in Sketch **B** since Sketch **A** was drawn.

1

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2

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3

..... [3]

(iv) Describe **four** reasons why the rate of river erosion varies.

1

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2

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3

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4

..... [4]

(b) Study Fig. 2 (Insert), which shows part of a river.

(i) Identify **four** river landforms shown in Fig. 2.

1

2

3

4 [4]

(i) Explain **two** negative impacts rivers may have on the environment.

- 1
-
-
-
- 2
-
-
- [4]

(c) Rivers offer some opportunities to people. Using an example of an area you have studied, suggest **three** opportunities presented by rivers.

- Example
- 1
-
-
-
- 2
-
-
-
- 3
-
-
- [7]

[Total: 25 marks]

2 (a) Study Photographs **A**, **B**, **C** and **D** (Insert), which show causes of climate change.

(i) Define *climate change*.

.....
 [1]

(ii) Identify **two** gases released from the event shown in Photograph **A** that can cause climate change. Choose your answers from the gases listed in the box below.

Methane	Carbon dioxide
Sulfur dioxide	Carbon monoxide

1
 2 [2]

(iii) State the cause of climate change shown in each of the Photographs **B**, **C** and **D**.

B
C
D [3]

(iv) Describe **four** impacts of climate change.

1

 2

 3

 4
 [4]

(b) Study Fig. 3, which shows how the greenhouse effect works.

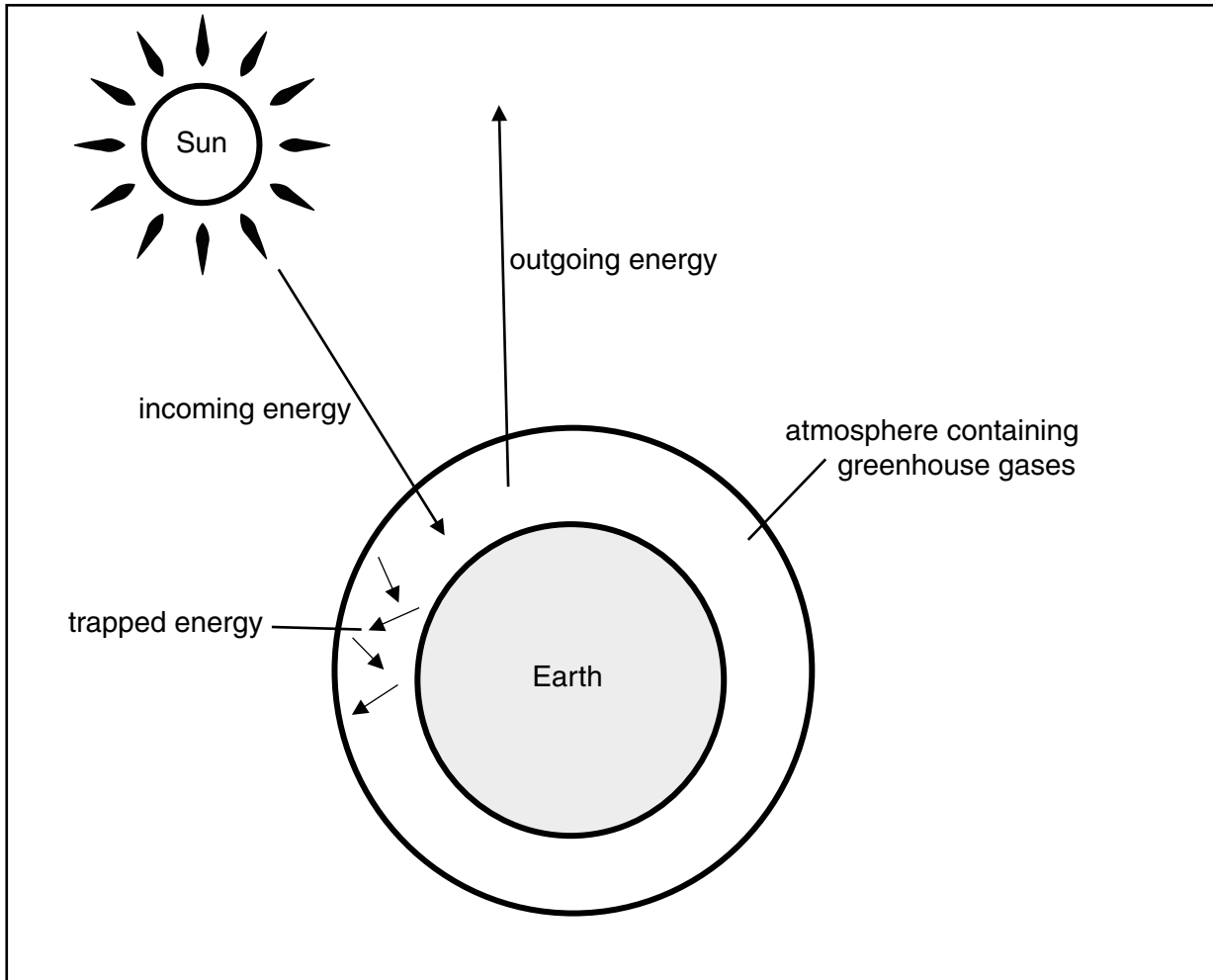


Fig. 3

(i) Using Fig. 3, explain how the greenhouse effect works.

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..... [4]

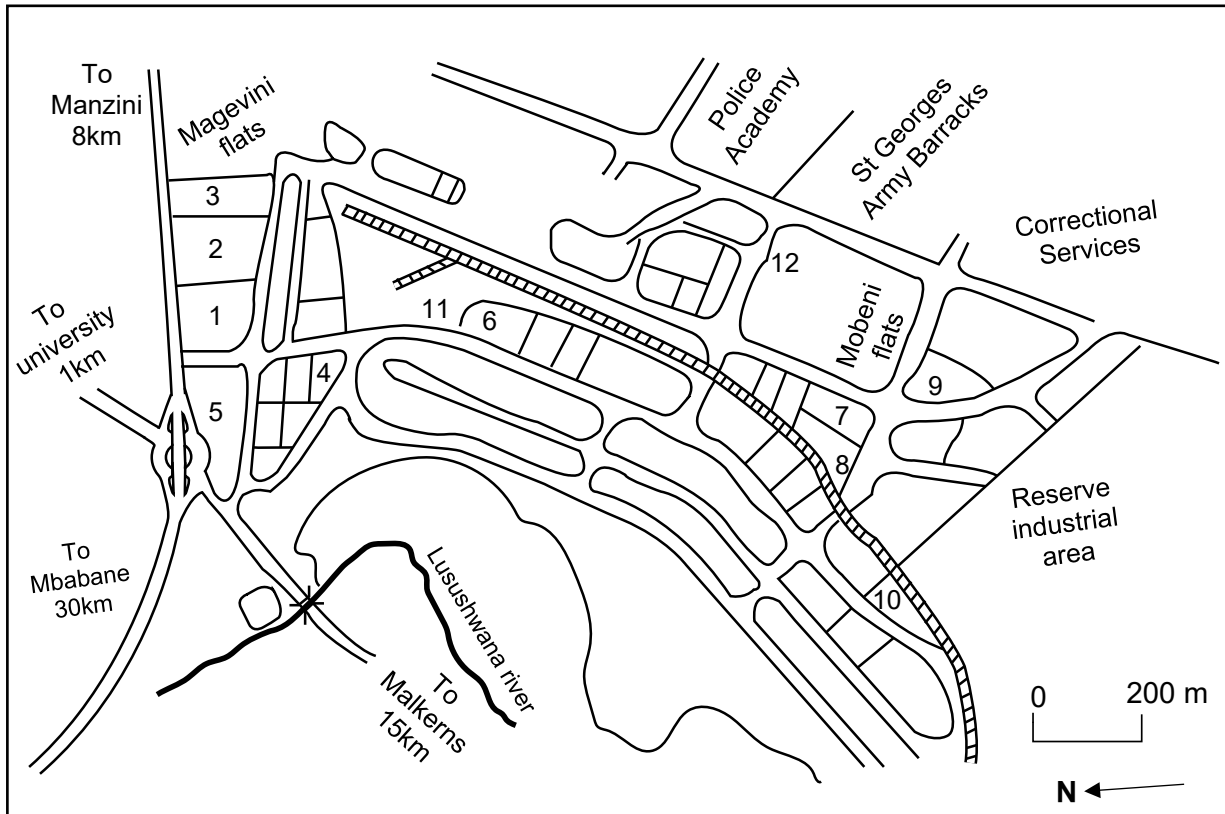
(ii) Explain **two** ways in which climate change can be reduced.

- 1
-
-
-
-
- 2
-
-
-
- [4]

(c) Certain strategies need to be applied to adapt to climate change. For a country you have studied, suggest **three** ways of adapting to an environment that has been changed by climate change.

- Example
- 1
-
-
-
-
- 2
-
-
-
-
- 3
-
-
-
- [7]

[Total: 25 marks]

THEME 3: ECONOMIC DEVELOPMENT, UTILISATION AND MANAGEMENT OF RESOURCESAnswer **one** question.**3 (a)** Study Fig. 4, which is a plan of Matsapha Industrial Site in Eswatini.**Key**

- railway line
- roads
- river

- | | |
|-------------------------------|----------------------|
| 1 Eswatini Beverages | 7 Cargo Carriers |
| 2 Southern Star Transport | 8 AfriSam Cement |
| 3 CTM Tiles | 9 Ruchi Wholesalers |
| 4 Standard Bank | 10 Engineering Works |
| 5 Tommy Kirk Shopping Complex | 11 Eswatini Railways |
| 6 Eswatini Wire | 12 School |

Fig. 4**(i)** Define an *industry*.

.....

..... [1]

(ii) Using Fig. 4, give any **two** examples of secondary industries found at Matsapha Industrial Site.

1

2 [2]

- (iii) Using Fig. 4 and any other information, describe **three** disadvantages of the location of Matsapha Industrial Site for the surrounding areas.

1

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2

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3

..... [3]

- (iv) Describe **four** positive impacts of Multi-National Companies in countries such as Eswatini.

1

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2

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3

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4

..... [4]

- (b) Study Photograph **E** (Insert), which shows a craft industry in Eswatini.

- (i) Describe **four** features of the craft industry shown in Photograph **E**.

1

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2

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3

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4

..... [4]

(ii) Explain **two** ways in which craft industries are important for Eswatini.

- 1
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-
-
-
- 2
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-
-
- [4]

(c) High technology industries are usually found in MEDCs. For a country you have studied, suggest **three** factors that influence the location of high technology industries.

- Example
- 1
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- 2
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-
- 3
-
-
-
- [7]

[Total: 25 marks]

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PLEASE TURN OVER FOR QUESTION 4

- 4 (a) Study Fig. 5A which shows sources of global energy and Figs. 5B and 5C which show sources of energy in South America and Europe.

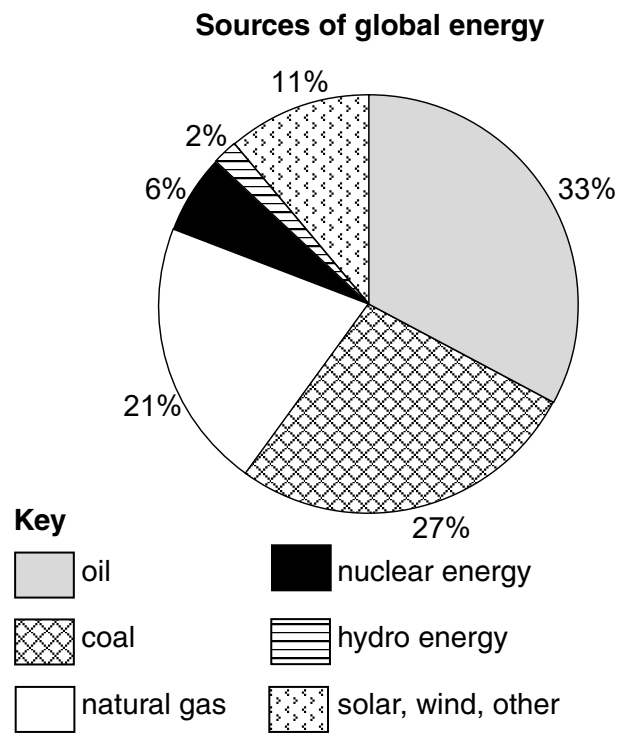


Fig. 5A

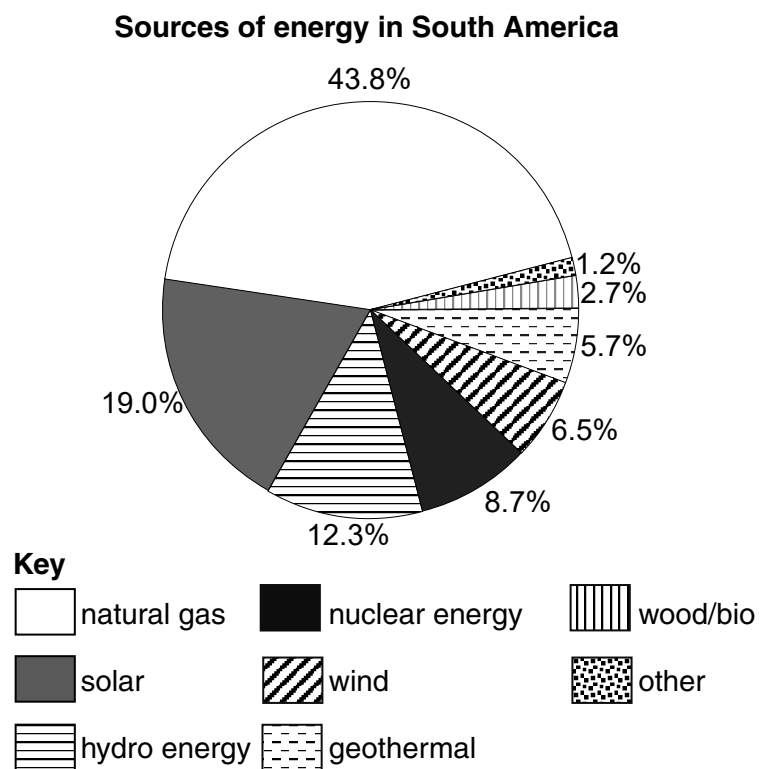
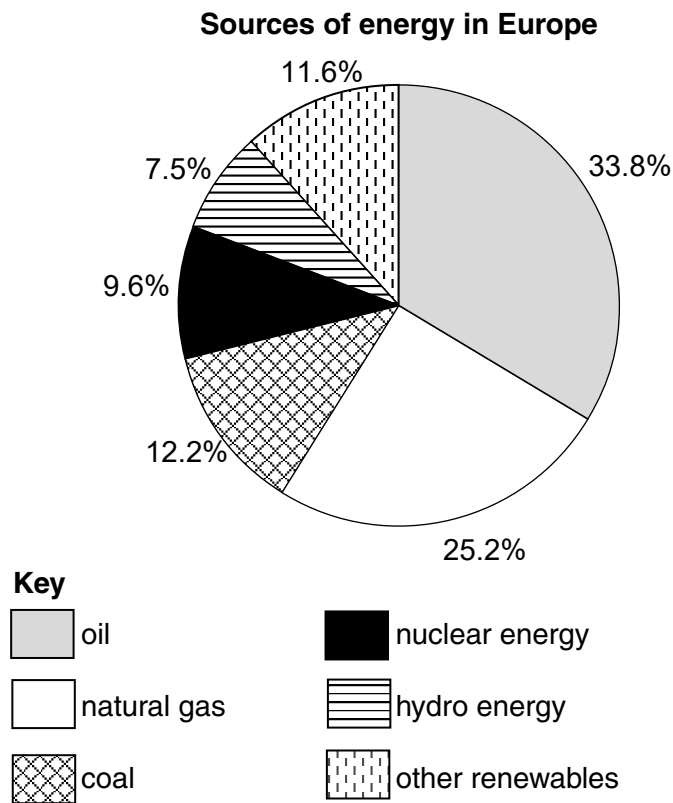


Fig. 5B

**Fig. 5C**

- (i) Circle **one** example of a non-renewable source of energy in the box below.

Natural gas	Solar	Hydro energy
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[1]

- (ii) Using Fig. 5A and Fig. 5C, identify the source of energy that is:

A Most used globally

.....

B Least used in Europe

..... [2]

- (iii) Using Fig. 5B and Fig. 5C, state **three** differences between the sources of energy used in South America and Europe.

1

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2

.....

3

..... [3]

- (iv) Describe **four** negative impacts of the use of fossil fuels such as coal and oil on the environment.

1

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2

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3

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4

..... [4]

- (b) Study Photograph **F** (Insert), which shows a wind farm.

- (i) Using Photograph **F** and any other information, describe how electricity is generated by wind.

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..... [4]

- (ii) Explain **two** positive impacts of generating power using renewable resources such as wind.

1

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2

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..... [4]

- (c) Many LEDCs are faced with a shortage of power supply. For an area or country you have studied, suggest **three** negative impacts of a shortage of power.

Example

1

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2

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3

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..... [7]

[Total: 25 marks]

THEME 4: POPULATION AND SETTLEMENTS

Answer **one** question.

- 5 (a) Study Fig. 6, which shows three settlement patterns **A**, **B** and **C**.

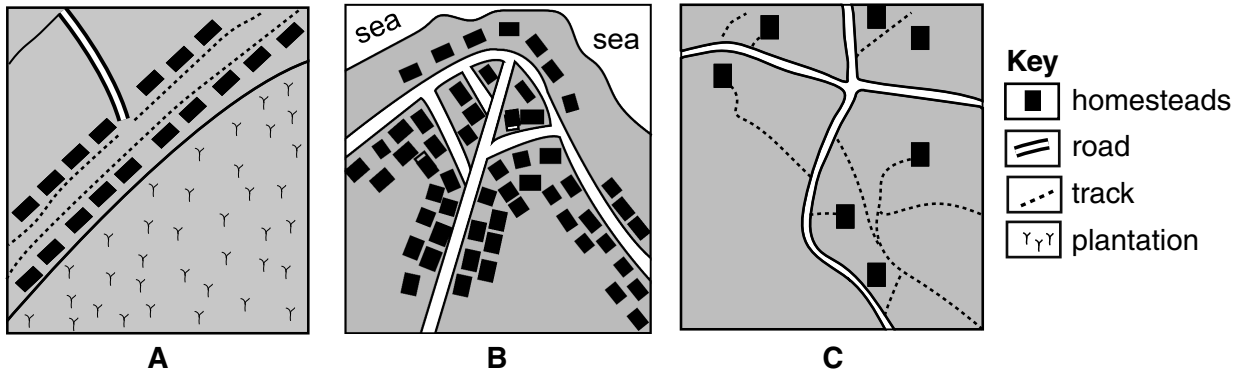


Fig. 6

- (i) Define a *settlement pattern*.

.....
 [1]

- (ii) Identify the **two** settlement patterns **A** and **B**.

A
B [2]

- (iii) State factors that might have influenced the location and development of each settlement shown in Fig. 6.

A
B
C [3]

- (iv) Give **four** factors which determine the position of a settlement in the settlement hierarchy.

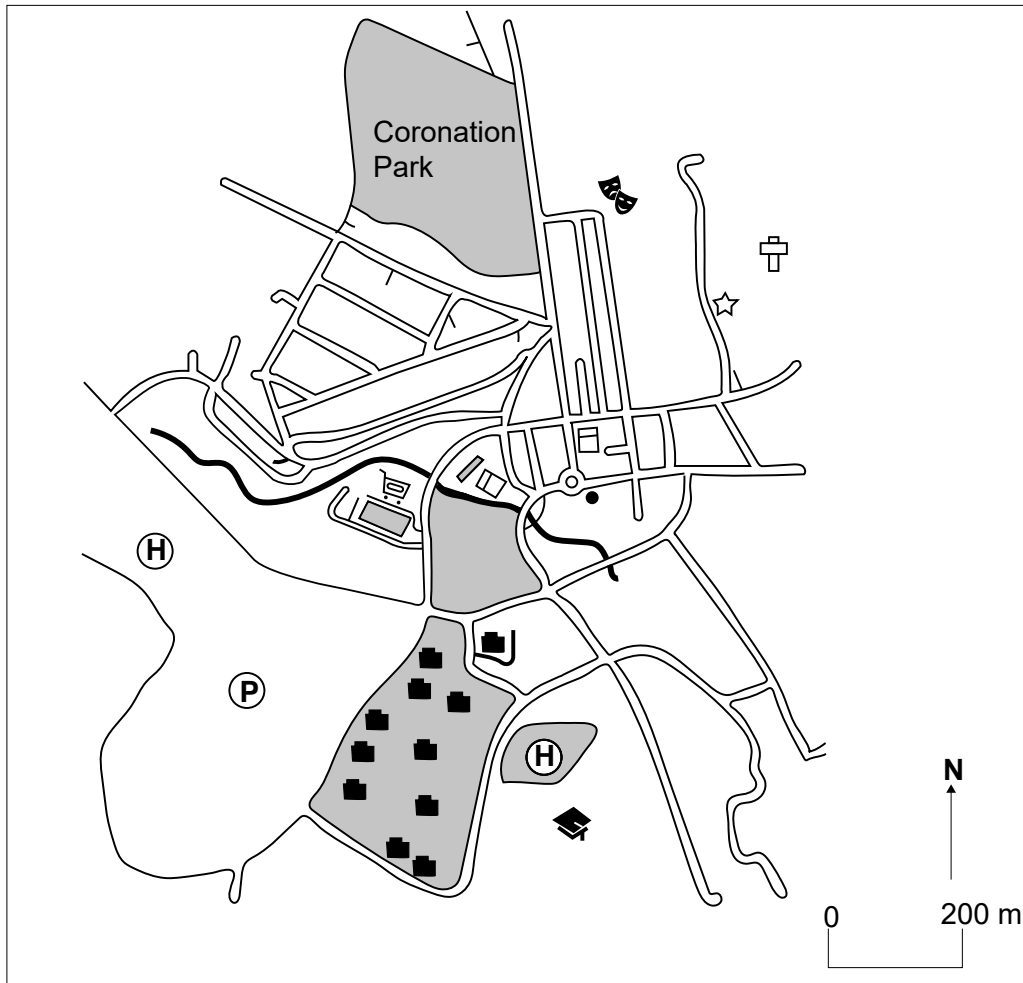
1

 2

 3

 4
 [4]

(b) Study Fig. 7, which is a simple map of Mbabane, an urban area in Eswatini.



Key

	University of Eswatini Mbabane campus		church
	hospital/clinic		Mbabane Theatre Club
	government offices		river
	police station		
	bank		
	school		
	mall		

Fig. 7

(i) Using Fig. 7, identify **four** services that are provided in Mbabane.

- 1
- 2
- 3
- 4 [4]

- (ii) Explain **two** negative impacts of a large number of people coming to live in a city such as Mbabane.

1

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2

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..... [4]

- (c) Traffic congestion is a problem in cities in both LEDCs and MEDCs. For a country you have studied, suggest **three** solutions that may reduce traffic congestion.

Example

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..... [7]

[Total: 25 marks]

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PLEASE TURN OVER FOR QUESTION 6

- 6 (a) Study Fig. 8, which shows the population structure of an LEDC in Africa.

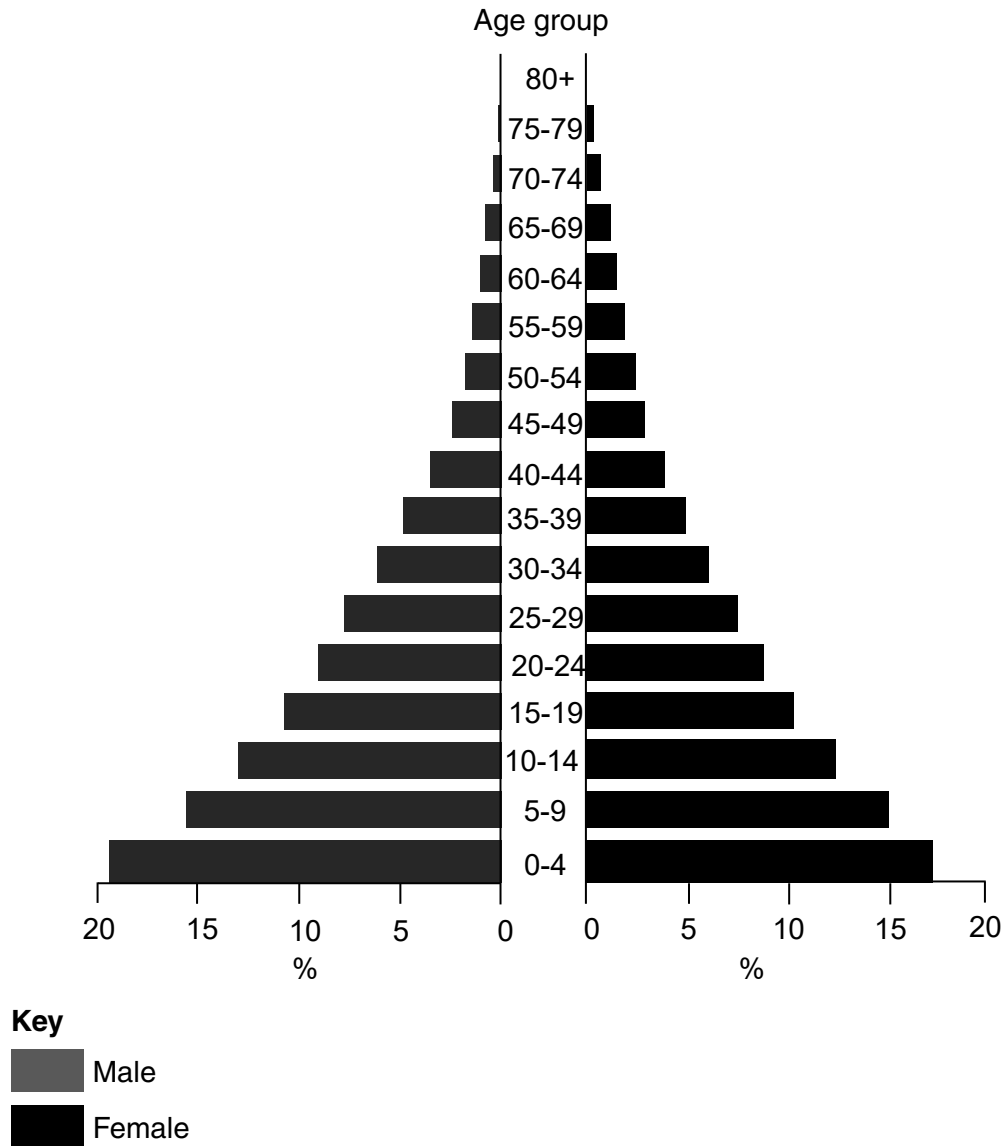


Fig. 8

- (i) Define *population structure*.

.....
 [1]

- (ii) Describe **two** features of the population structure of the LEDC shown in Fig. 8.

1

 2
 [2]

(iii) Suggest **three** reasons for the population structure shown in Fig. 8.

- 1
-
- 2
-
- 3
- [3]

(iv) State how each of the following may cause changes to the population structure of a country:

Decline in infant mortality

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.....

Decline in birth rate

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Increase in emigration (migration out of a country)

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.....

Pandemics such as HIV

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..... [4]

- (b) Study Fig. 9, which shows the percentage of people over the age of 60 years in a LEDC and a MEDC between 1990 and 2025 (projected).

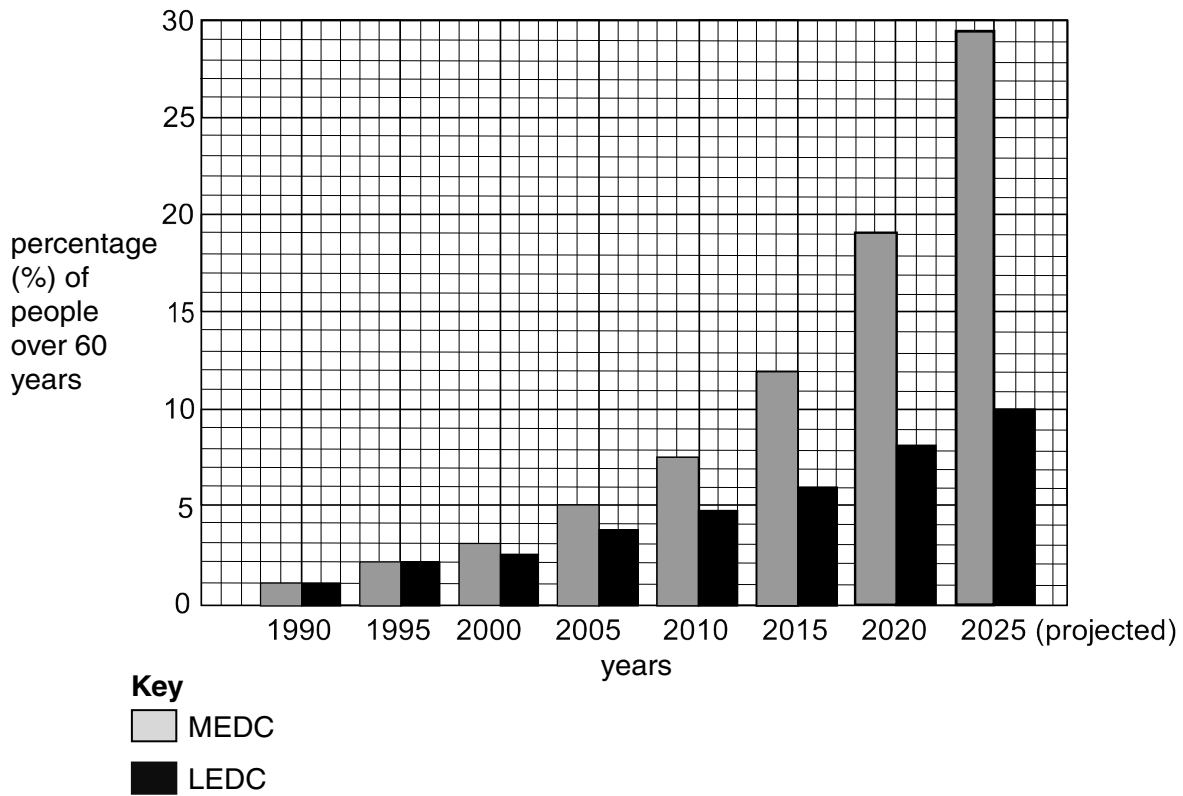


Fig. 9

- (i) Compare the percentage of the population of people over 60 years between the LEDC and the MEDC between 2010 and 2025. Use statistics from Fig. 9 to support your answer.

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..... [4]

- (ii) Explain **two** reasons for the rapid increase in the population of people over 60 years in MEDCs.

1

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- (c) Pandemics such as COVID-19 have an impact in both MEDCs and LEDCs.
For a country you have studied, suggest **three** efforts made to address the impact of COVID-19.

Example

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..... [7]

[Total: 25 marks]

