



EXAMINATIONS COUNCIL OF ESWATINI
Eswatini General Certificate of Secondary Education

CANDIDATE
NAME

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CENTRE
NUMBER

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CANDIDATE
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GEOGRAPHY

6890/01

Paper 1 Geographical Themes

October/November 2019

1 hour 45 minutes

Candidates answer on the Question Paper

Additional materials: Ruler

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name 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.

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

The Insert contains Photograph A for Question 2 (a),
Photographs B for Question 2 (b), Photograph C for Question 3 (b) and Photograph D for Question 5 (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 **18** printed pages and **2** blank pages.

- 1 (a) Study Fig.1, which shows information about a hot desert in Africa. Fig.1A shows the location and Fig. 1B shows its climatic graph.

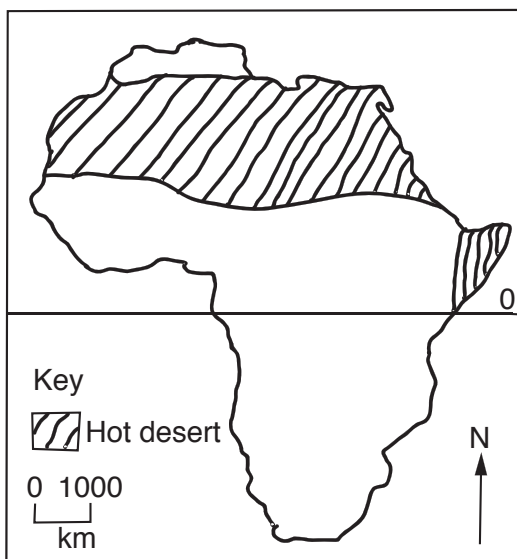


Fig. 1A

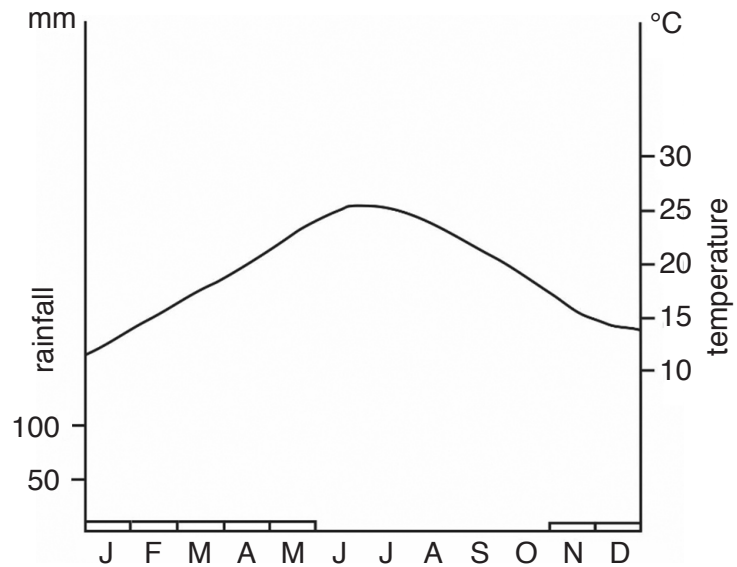


Fig. 1B

- (i) Name the hot desert shown in Fig.1A.

..... [1]

- (ii) Describe **two** features of the climate of the hot desert shown in Fig.1B.

1

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2

..... [2]

- (iii) Suggest **three** reasons why this region receives low annual rainfall.

1

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2

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(iv) Explain **two** effects of the climate on the natural vegetation of this region.

1

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2

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[4]

(b) The soils of the hot desert make it difficult for plants to survive.

(i) Describe **three** soil conditions which make it difficult for plants to survive.

1

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[3]

(ii) Suggest **five** reasons why semi-arid regions are changing into desert like places.

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[5]

- (c) Some climatic regions pose threats to the people and the environment.

For an example of a tropical rainforest region you have studied explain **three** reasons why people continue to live there.

Example

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..... [7]

[Total: 25 marks]

2 (a) Study Photograph **A** (Insert), which shows a type of weathering.

(i) Name the type of weathering shown in Photograph **A**.

..... [1]

(ii) Identify the features labelled **X** and **Y** shown in Photograph **A**.

X

Y [2]

(iii) Describe the process of weathering taking place shown in Photograph **A**.

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..... [3]

(iv) Explain **two** physical factors that affect the rate and type of weathering shown in Photograph **A**.

1
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2
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..... [4]

(b) Study Photograph **B** (Insert), which shows another type of weathering.

(i) Describe **three** features shown in Photograph **B**.

1
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2
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3
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..... [3]

[illegible]

(c) Soil erosion is one of the factors that lead to a decrease in farming land.

Example

[Total: 25 marks]

3 (a) Study Fig. 2, which shows a simplified industrial system.

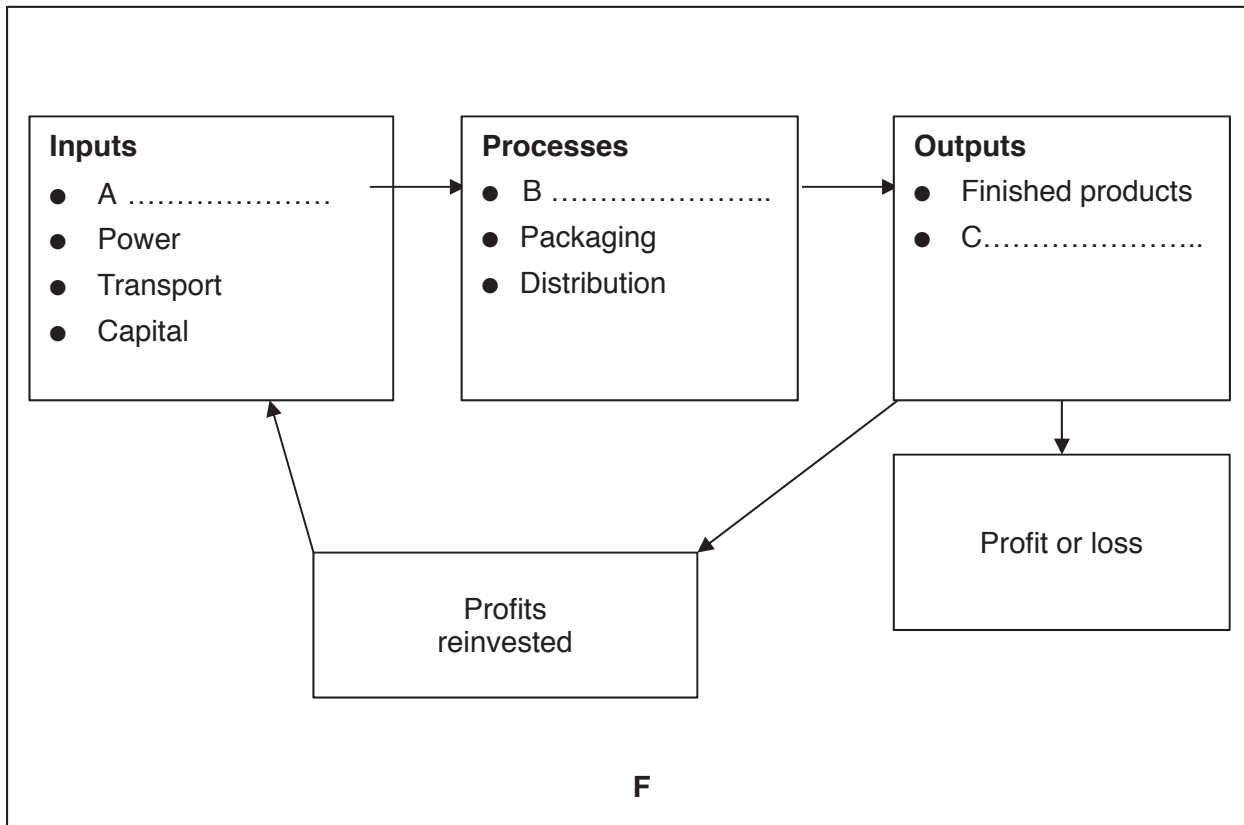


Fig. 2

(i) Identify the type of industry shown in Fig. 2.

..... [1]

(ii) Name one example of a primary and a tertiary industry.

Primary

Tertiary [2]

(iii) Complete Fig. 2 by suggesting any other input – **A**; process – **B** and output – **C**. [3]

(iv) Explain **two** reasons why some industries are located near the raw material while some are located near the market.

1

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2

..... [4]

(b) Study Photograph **C** (Insert), which shows a motor vehicle assembly plant owned by Nissan a Transnational company (TNC) in Japan.

(i) Describe **three** features of the motor vehicle assembly plant shown in Photograph **C**.

- 1
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- 2
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- 3
- [3]

(ii) Suggest **five** positive effects of Transnational companies (TNCs) to people and the economy of countries where they are found.

- 1
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- 2
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- 4
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- 5
- [5]

For an area you have studied, explain **three** negative impacts of industrial states to the environment.

[Total: 25 marks]

- 4 (a) Study Fig. 3, which shows different resources of energy used in a country.

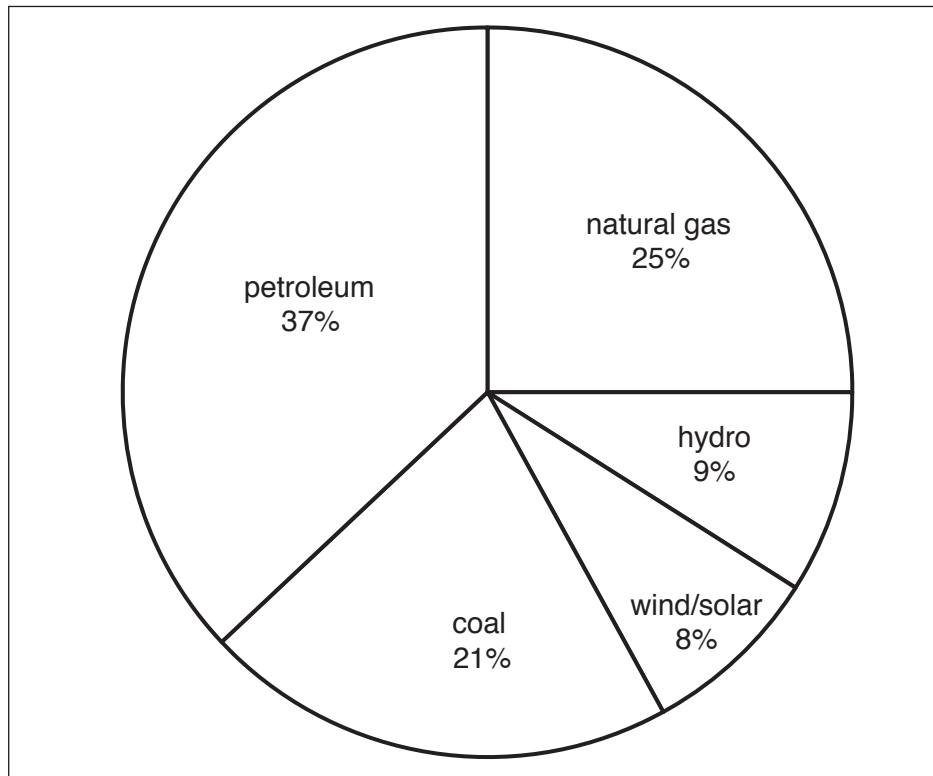


Fig. 3

- (i) Which **one** of the energy resources is mainly used in this country?

..... [1]

- (ii) Using Fig. 3, identify **two** non-renewable resources.

1

2 [2]

- (iii) Describe **three** problems caused by the use of animal dung and wood to the people and the environment.

1

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- (iv) Explain reasons why many countries are planning to increase the use of renewable energy resources.

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- (b) Study Fig. 4, which shows the processes of power generation in a nuclear power plant.

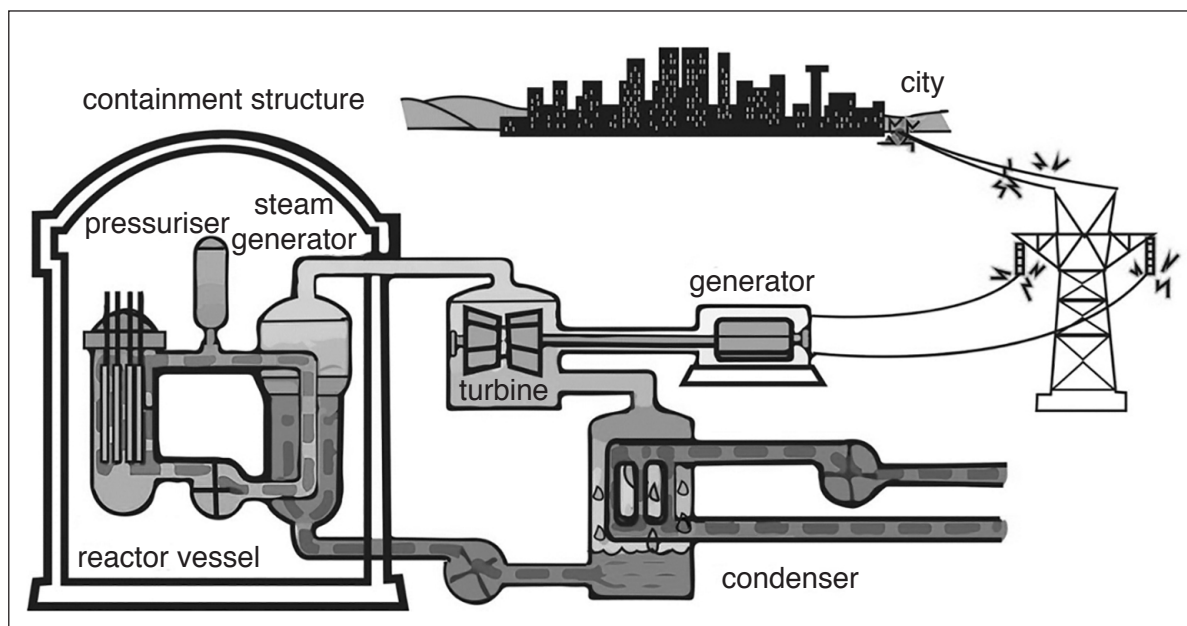


Fig. 4

- (i) Describe the processes involved in generating power using nuclear energy.

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- (ii) Suggest **five** negative impacts of generating power using nuclear energy to the people and the environment.

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[5]

- (c) A dam constructed for hydro-electricity power benefits the local people.

For a country you have studied, explain **other** benefits of a dam constructed for generation of hydro-electricity power to the local people.

Example

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[7]

[Total: 25 marks]

- 5 (a) Study Fig. 5, which shows the land use in a city found in an LEDC.

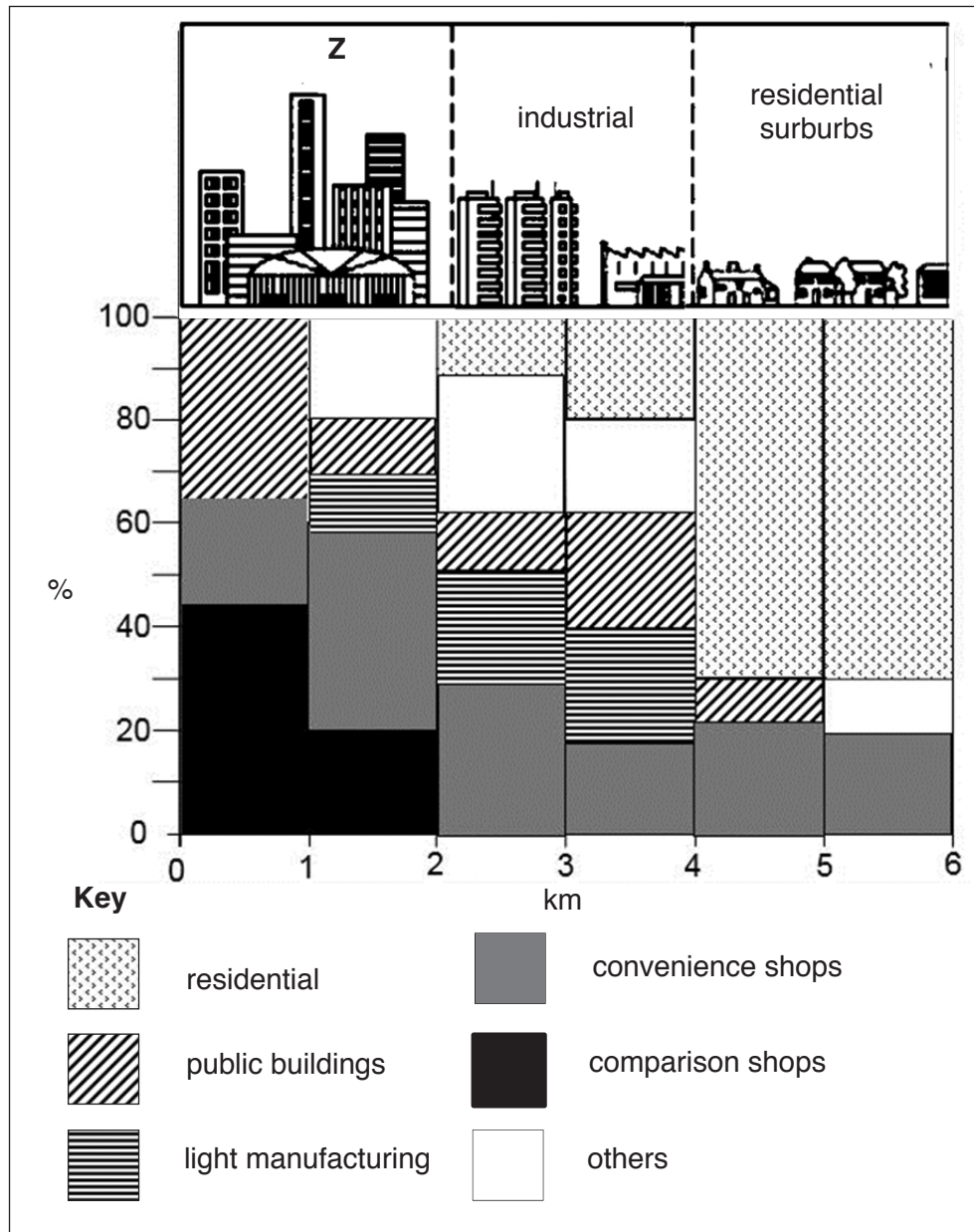


Fig. 5

- (i) Name the zone marked as **Z** in Fig. 5.

..... [1]

- (ii) Describe **two** features of the buildings found in zone **Z**.

1

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..... [2]

- (iii) Using information from Fig. 5, compare the land use of the industrial and residential zones.

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[3]

- (iv) Suggest **four** problems which may be experienced in zone Z.

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[4]

- (b) Study Photograph **D** (Insert), which shows an out of town shopping centre in an MEDC.

- (i) Describe the location of the shopping centre.

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[3]

- (ii) Explain **five** reasons why new shopping centres are built out of town away from the town centre

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[5]

- (c) Many cities and towns have grown rapidly in recent years.

For a named town or city, you have studied, explain **three** impacts of the growth of the town or city on the environment.

Example

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[7]

[Total: 25 marks]

- (a) Study Table 1, which shows the age structure of an LEDC and an MEDC.

Table 1

Age Years	Country A	Country B	Country C
0 – 15	49%	20%	40%
16 – 64	48%	61%	52%
65+	3%	19%	8%

- (i) Using Table 1, suggest the country which is an LEDC.

..... [1]

- (ii) Calculate the total percentage of the dependent population of country **A**. Show your working.

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 [2]

- (iii) Suggest **three** ways by which the dependent population is supported in country **B**.

1

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 3
 [3]

- (iv) Explain reasons for the population structure of country **B**.

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 [4]

(b) Study Fig. 6, which shows the population distribution in Africa.

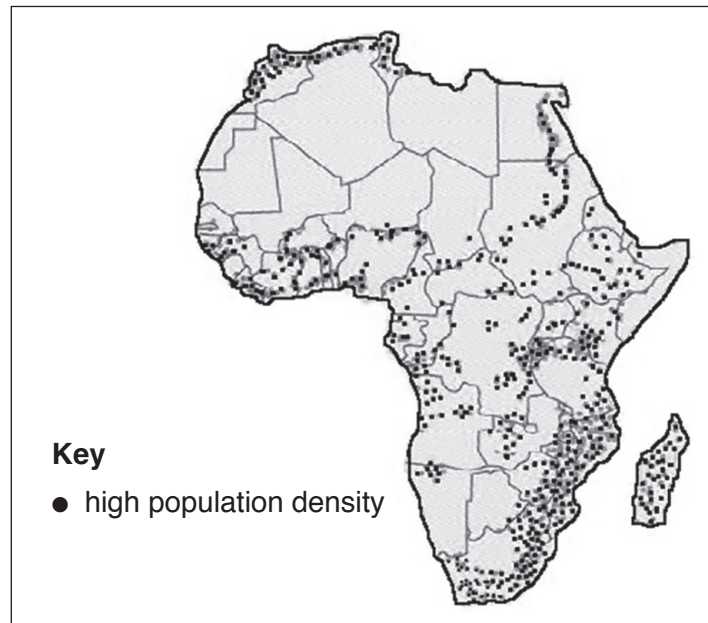


Fig. 6

(i) Using Fig. 6, describe the distribution of high population density areas in Africa.

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[3]

- (ii) Suggest **five** physical factors which have influenced population distribution in Africa.

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[5]

- (c) Life expectancy is higher in MEDCs than LEDCs.

For an LEDC you have studied, explain **three** reasons why life expectancy may improve or increase.

Example

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[7]

[Total: 25 marks]

