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GEOGRAPHY**0976/12**

Paper 1 Geographical Themes

May/June 2026**1 hour 45 minutes**

You must answer on the question paper.

You will need: Insert (enclosed)
 Calculator
 Ruler

INSTRUCTIONS

- Answer **three** questions in total, **one** from each section.
- Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen. Do **not** use correction fluid or tape.
- Do **not** write on any bar codes.
- If additional space is needed, you should use the lined pages at the end of this booklet; the question number or numbers must be clearly shown.

INFORMATION

- The total mark for this paper is 75.
- The number of marks for each question or part question is shown in brackets [].
- The insert contains additional resources referred to in the questions.

LEDCs – Less Economically Developed Countries

MEDCs – More Economically Developed Countries

This document has **36** pages. Any blank pages are indicated.

Section A

Answer **one** question from this section.

- 1 (a) Study Figure 1.1, which shows information about the percentage of the total migrants moving away from four different parts of the world between 1960 and 2020.

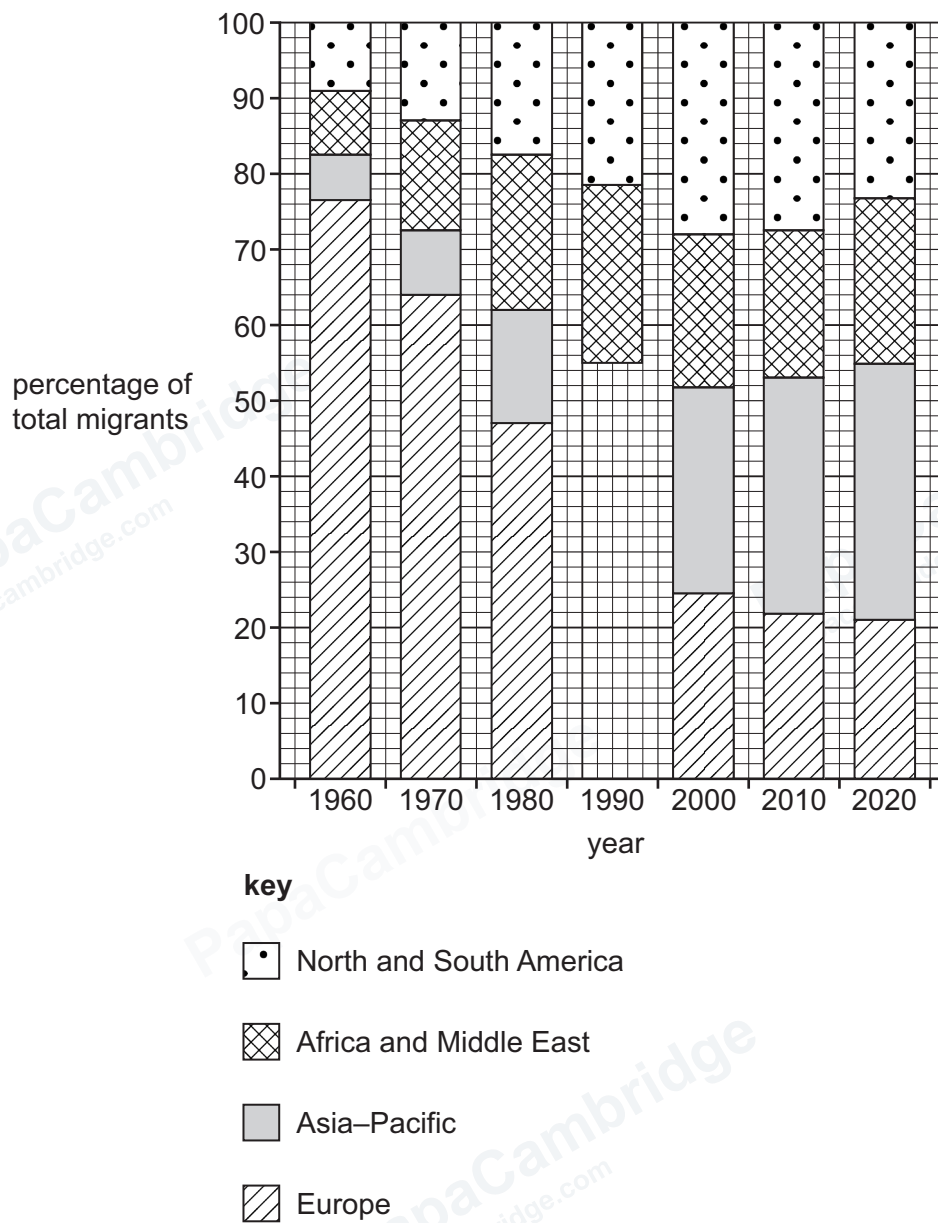


Figure 1.1





(i) What percentage of the total migrants were from Europe in 1970?

..... % [1]

(ii) **Complete** Figure 1.1 to show the following information about the percentage of total migrants in 1990.

Europe = 30%

Asia-Pacific = 25%

[2]

(iii) Using Figure 1.1 **only**, describe the overall changes in the percentage of total migrants from different parts of the world between 1960 and 2020.

Do **not** use statistics in your answer.

.....

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..... [3]

(iv) Describe **four** advantages of emigration for the countries that people move away from.

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2

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3

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4

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[4]



(b) Study Figure 1.2 (Insert), which shows information about the global movement of international migrants.

- (i) State the origins and destinations of the **three** main migration flows labelled **X**, **Y** and **Z** in Figure 1.2.

X from to

Y from to

Z from to

[3]

- (ii) Suggest reasons for the movements of international migrants shown in Figure 1.2.

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..... [5]





- country

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- 2 (a) Study Figure 2.1, information about methods of transport used by people to travel to work in selected large cities.

key

type of transport

 cycle

 public transport

 walk

 car

 other

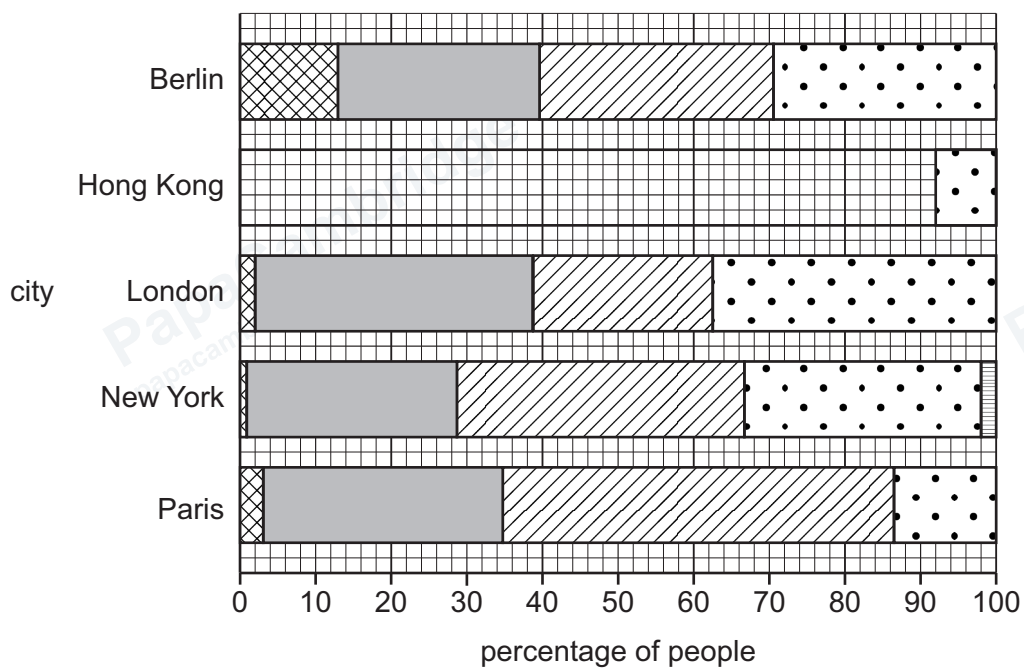


Figure 2.1

- (i) What percentage of the population of Berlin cycle to work?

.....% [1]

- (ii) **Complete** Figure 2.1 to show the following information about transport to work in Hong Kong.

public transport = 47%
walk = 45%

[2]

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(iii) Using Figure 2.1 **only**, describe the differences in methods of transport to work used by people in London and New York.

Do **not** use statistics in your answer.

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..... [3]

(iv) Describe **four** problems caused by traffic congestion in cities.

1

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2

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3

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4

..... [4]



- (b) Study Figure 2.2, information about the number of vehicles on an average working day in the Central Business District (CBD) of New York.

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Figure 2.2

- (i) Describe the variation in the number of vehicles on an average working day in the CBD of New York.

You should use statistics in your answer.

.....

.....

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.....

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..... [3]



[5]





(c) For a named urban area you have studied, describe a change in land use.

Explain why this change in land use has caused problems.

name of urban area

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[7]

[Total: 25]



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Section B

Answer **one** question from this section.

- 3 (a) Study Figure 3.1 (Insert), which shows information about earthquakes which have occurred in and around New Zealand (an MEDC in Australasia) since 1843.

(i) Identify the magnitude of the earthquake labelled **X** in Figure 3.1.

..... [1]

- (ii) Using Figure 3.1 **only**, compare the depth of focus of the earthquakes to the east and west of the plate boundary on North Island.

You should use statistics in your answer.

.....
.....
.....
..... [2]

- (iii) Describe the distribution of earthquakes in and around New Zealand.

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..... [3]

- (iv) Explain why people still live in areas where earthquakes may occur.

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- (b) Study Figure 3.2, information about the relationship between the number of deaths caused by selected earthquakes and their magnitude.

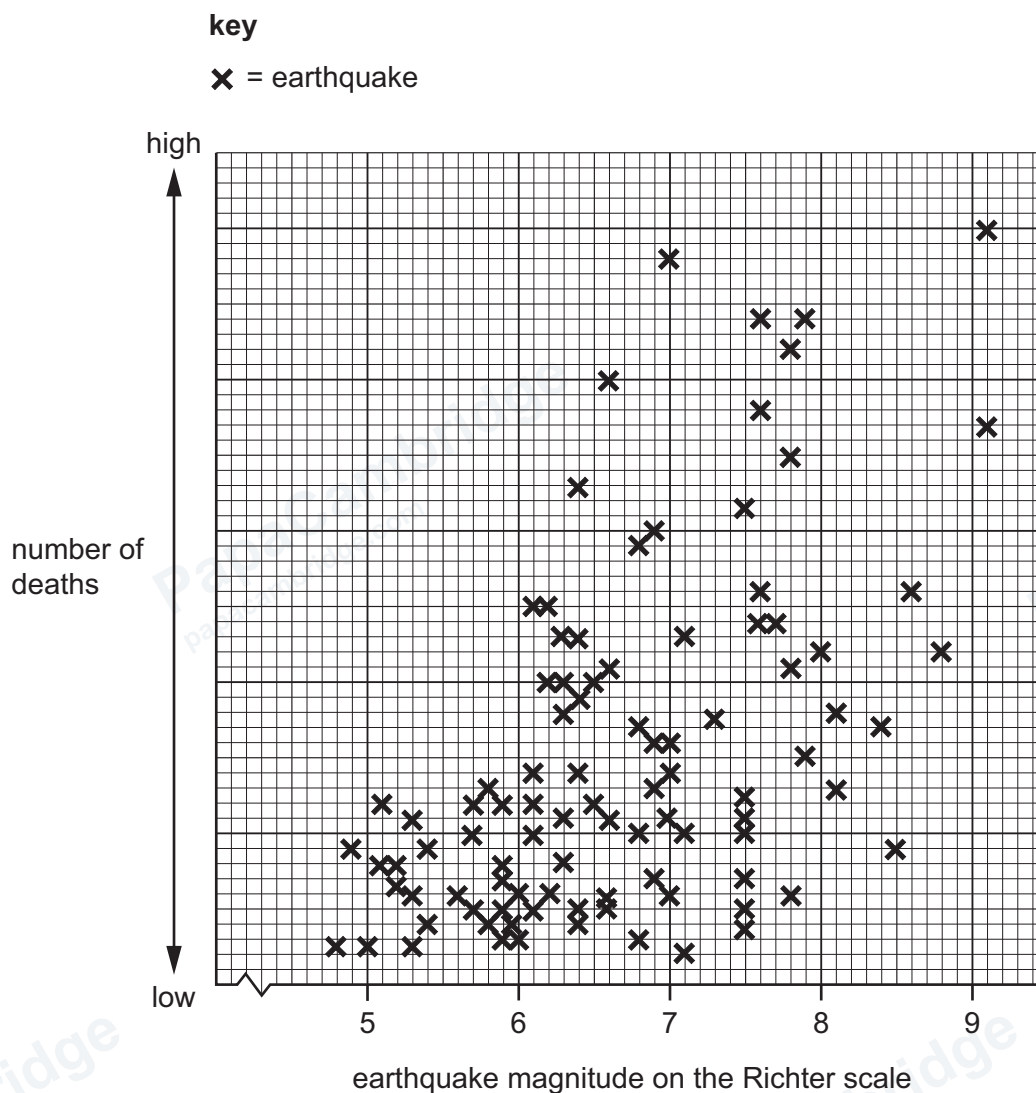


Figure 3.2

- (i) Describe the relationship shown in Figure 3.2 between the number of deaths caused by the earthquakes and their magnitude.

Do **not** use statistics in your answer.

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..... [3]



- (ii) The magnitude of an earthquake is one reason for the variation in the number of deaths caused by earthquakes.

Explain other reasons which may contribute to the variation in the number of deaths caused by earthquakes.

[5]





(c) Explain why an earthquake occurred in a named area you have studied.

name of area

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[Total: 25]

- 4 (a) Study Figures 4.1 and 4.2, climate graphs of an area of hot desert and an area of tropical rainforest.

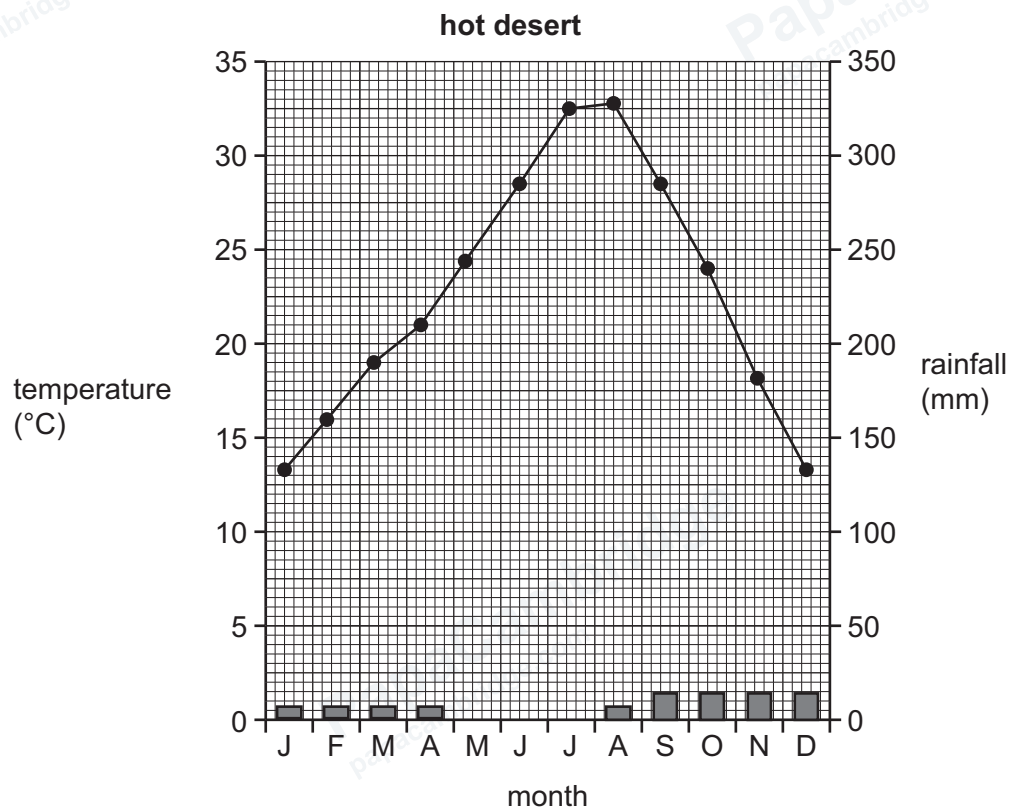


Figure 4.1

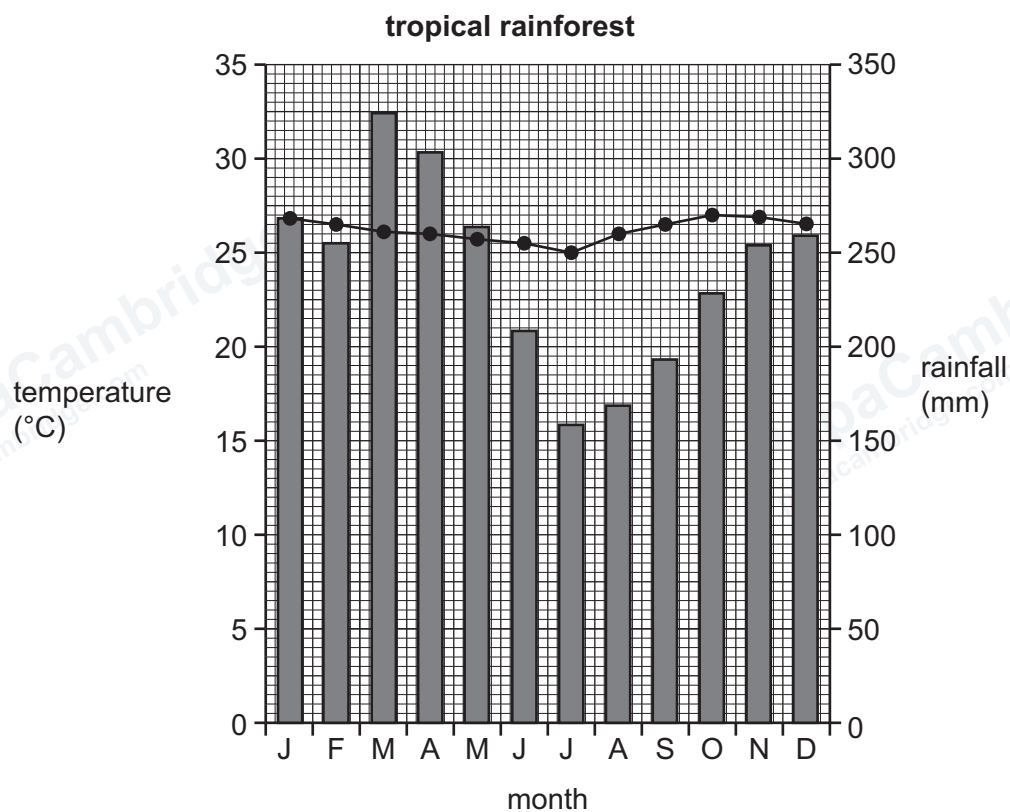


Figure 4.2



- (i) Using Figure 4.1, identify the month with the highest temperature in the area of hot desert.

..... [1]

- (ii) Using Figures 4.1 and 4.2 **only**, compare the annual temperature range of the hot desert with the annual temperature range of the tropical rainforest.

You should use statistics in your answer.

..... [2]

- (iii) Using Figure 4.2 **only**, describe the distribution of rainfall throughout the year in the tropical rainforest.

You should use statistics in your answer.

..... [3]

- (iv) Describe the processes which result in high annual rainfall totals in tropical rainforest areas.

..... [4]



(b) Study Figure 4.3, a food web in a hot desert ecosystem.

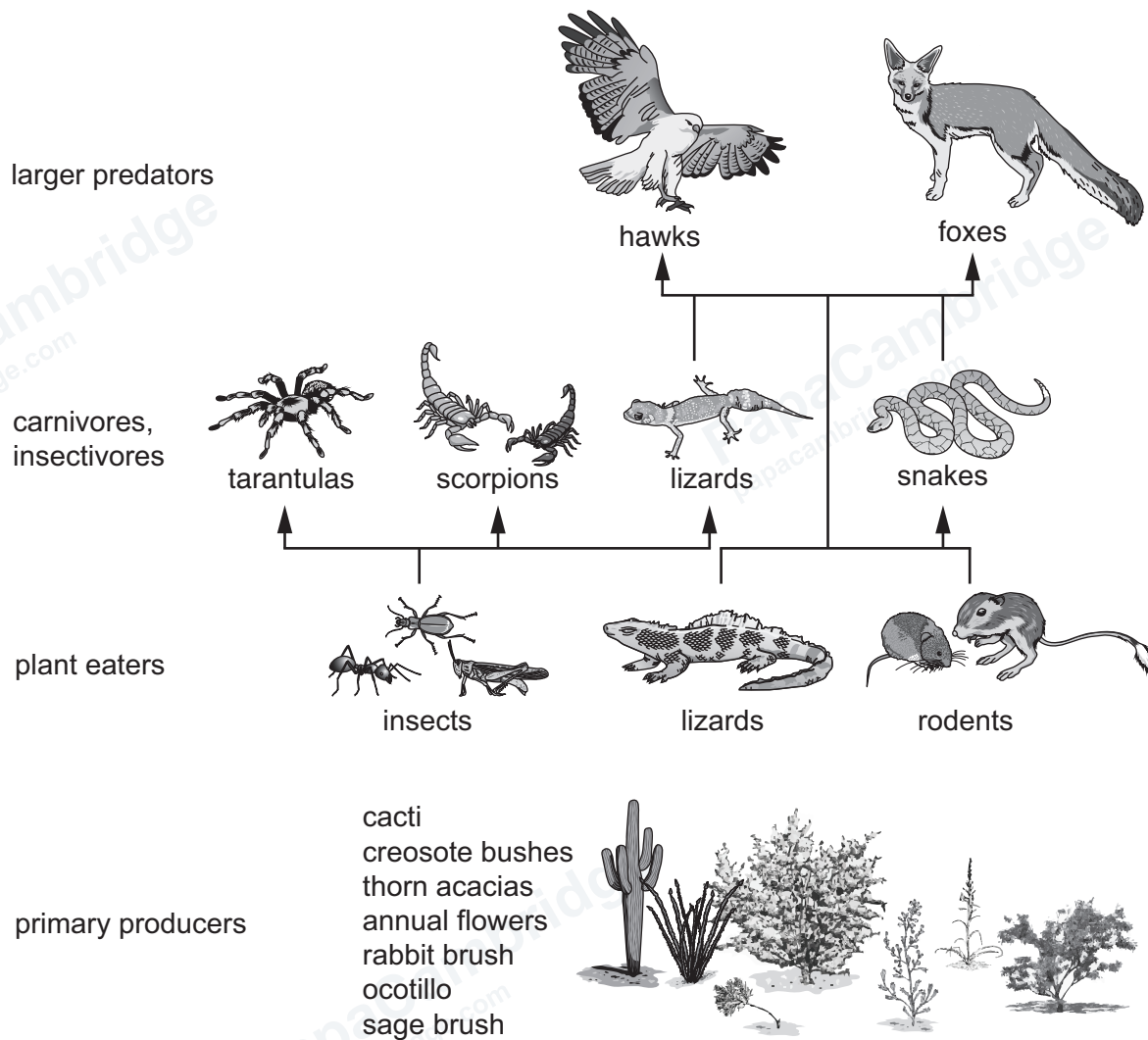


Figure 4.3



(i) Use examples from Figure 4.3 to describe **three** links in the hot desert food web.

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

(ii) Explain how vegetation is able to survive in hot deserts.

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- [5]





- (c)** For a named area of tropical rainforest you have studied, explain why the ecosystem is under threat from deforestation.

name of area

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Section C

Answer **one** question from this section.

- 5 (a) Study Figure 5.1, information about the value of production from manufacturing industry in three countries between 2004 and 2020.

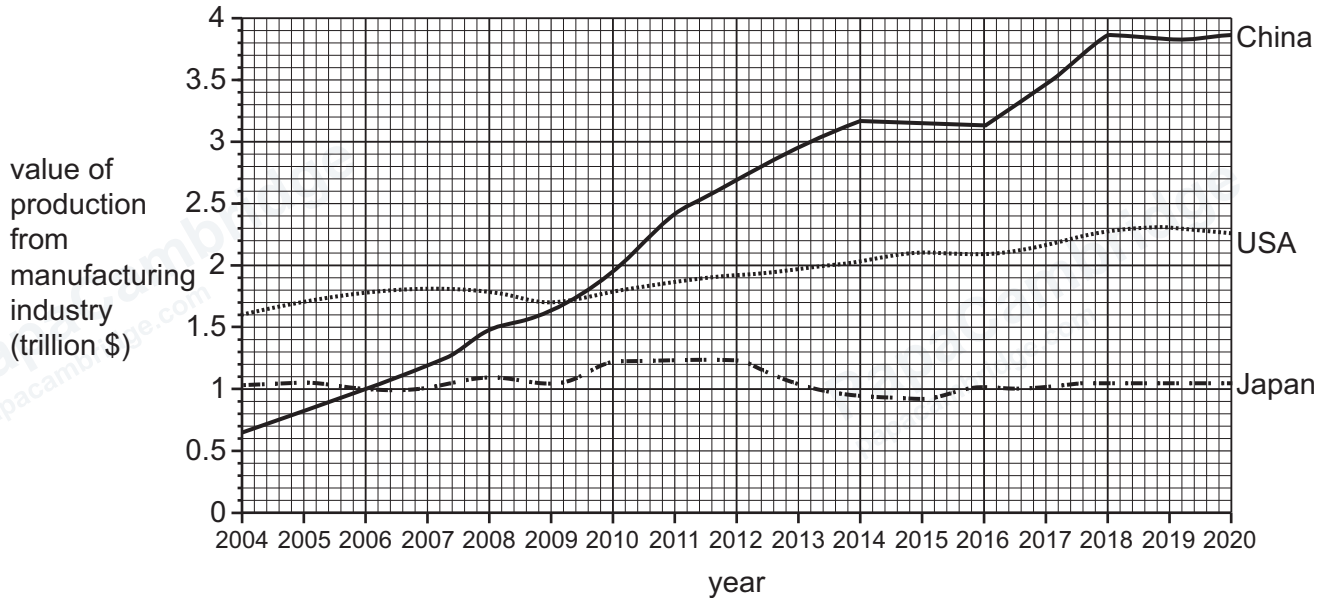


Figure 5.1

- (i) How does the value of production from manufacturing industry in Japan change between 2004 and 2020? Tick (✓) **one** answer.

	tick (✓)
The value of production from manufacturing industry increases every year.	
The value of production from manufacturing industry decreases every year.	
The value of production from manufacturing industry fluctuates.	

[1]

- (ii) Complete the following sentences:

The value of production from manufacturing industry was the same in China and Japan in the year

In that year, the value of production from manufacturing industry in both China and Japan was \$ trillion.

[2]

- (iii) Compare the changes in the value of production from manufacturing industry in China and the USA between 2004 and 2020.

You should use statistics to support your answer.

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..... [3]

- (iv) Manufacturing is an example of an industrial system.

Explain what is meant by an industrial system.

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..... [4]



(b) Study Figures 5.2 and 5.3 (Insert), which show different factories.

(i) State **three** differences between the features of the factories shown in Figures 5.2 and 5.3.

1

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2

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3

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[3]

(ii) Explain how manufacturing industries change as a country develops.

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[5]





name of factory or industrial zone

[Total: 25]

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- 6 (a) Study Figure 6.1, which shows information about farming in Ethiopia, an LEDC in east Africa.

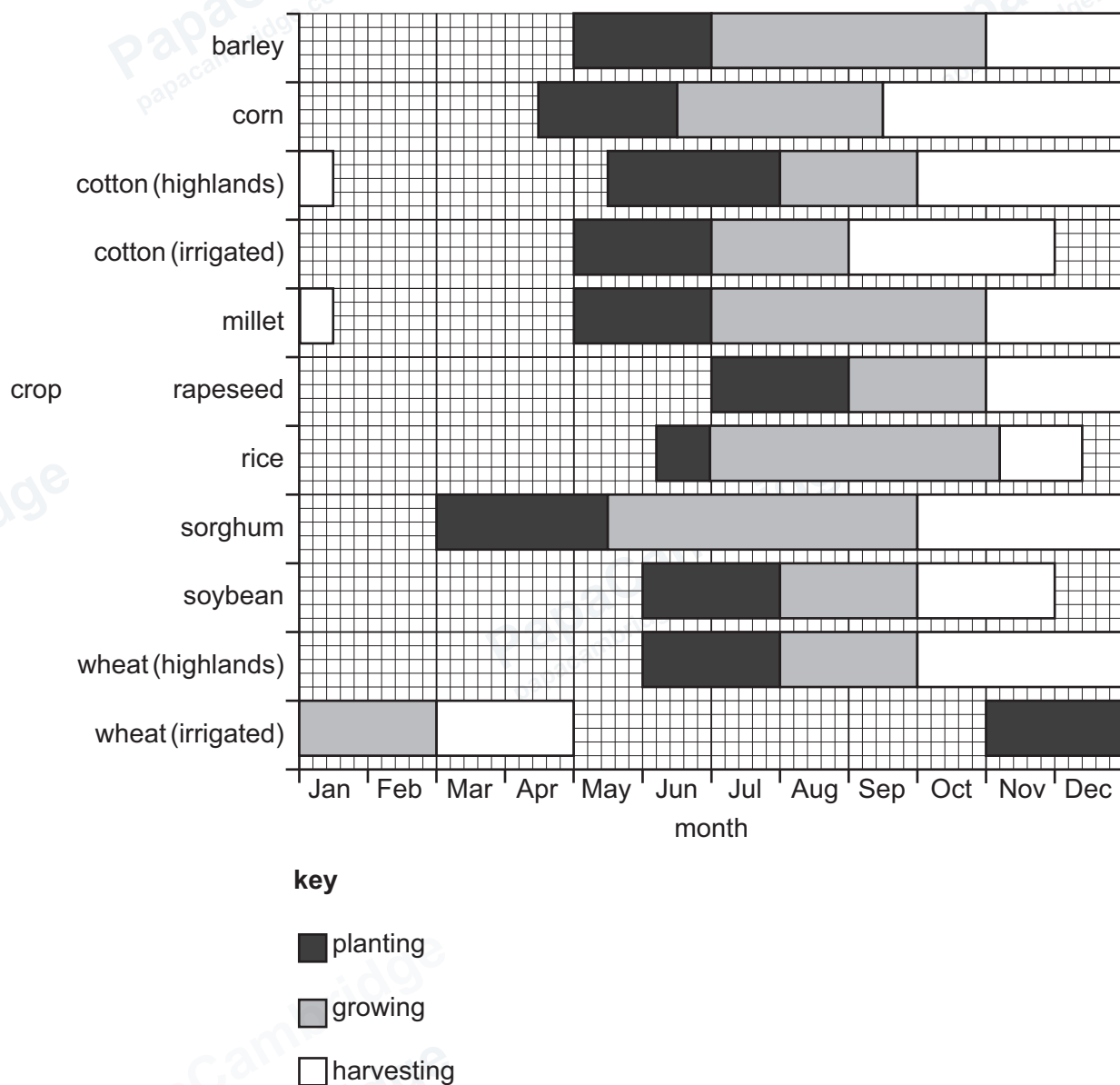


Figure 6.1

- (i) What is the length of the growing season for rapeseed?

..... months [1]

- (ii) Using Figure 6.1, identify a month when:

farmers plant rice

wheat is harvested from irrigated land.

[2]



(iii) Suggest why some farmers in Ethiopia irrigate the land to grow wheat.

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..... [3]

(iv) Explain why many farmers in LEDCs such as Ethiopia are subsistence farmers.

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..... [4]





(b) Study Figures 6.2 and 6.3 (Insert), photographs of two farms.

(i) State **three** differences between the farms shown in Figures 6.2 and 6.3.

1

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2

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3

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[3]

(ii) The farms shown in Figures 6.2 and 6.3 are agricultural systems.

Explain what is meant by an agricultural system.

You should refer to either Figure 6.2 or Figure 6.3.

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[5]





(c) Describe and explain the land use of a named farm or agricultural system you have studied.

named farm or agricultural system

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