Cambridge
O Level

Cambridge International Examinations
Cambridge Ordinary Level

CANDIDATE NAME	

CENTRE NUMBER						CANDIDATE NUMBER					

5936860792

PAKISTAN STUDIES **2059/02**

Paper 2 The Environment of Pakistan **May/June 2018**

1 hour 30 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, glue or correction fluid.
DO **NOT** WRITE IN ANY BARCODES.

Answer any **three** questions.
The Insert contains Figs. 1.2 and 1.3 for Question 1 and Figs. 3.1 and 3.2 for Question 3.
The Insert is **not** required by the Examiner.
The number of marks is given in brackets [ ] at the end of each question or part question.

This document consists of **23** printed pages, **1** blank page and **1** Insert.

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CAMBRIDGE
International Examinations

1 **(a)** Study Fig. 1.1, a map of Pakistan.

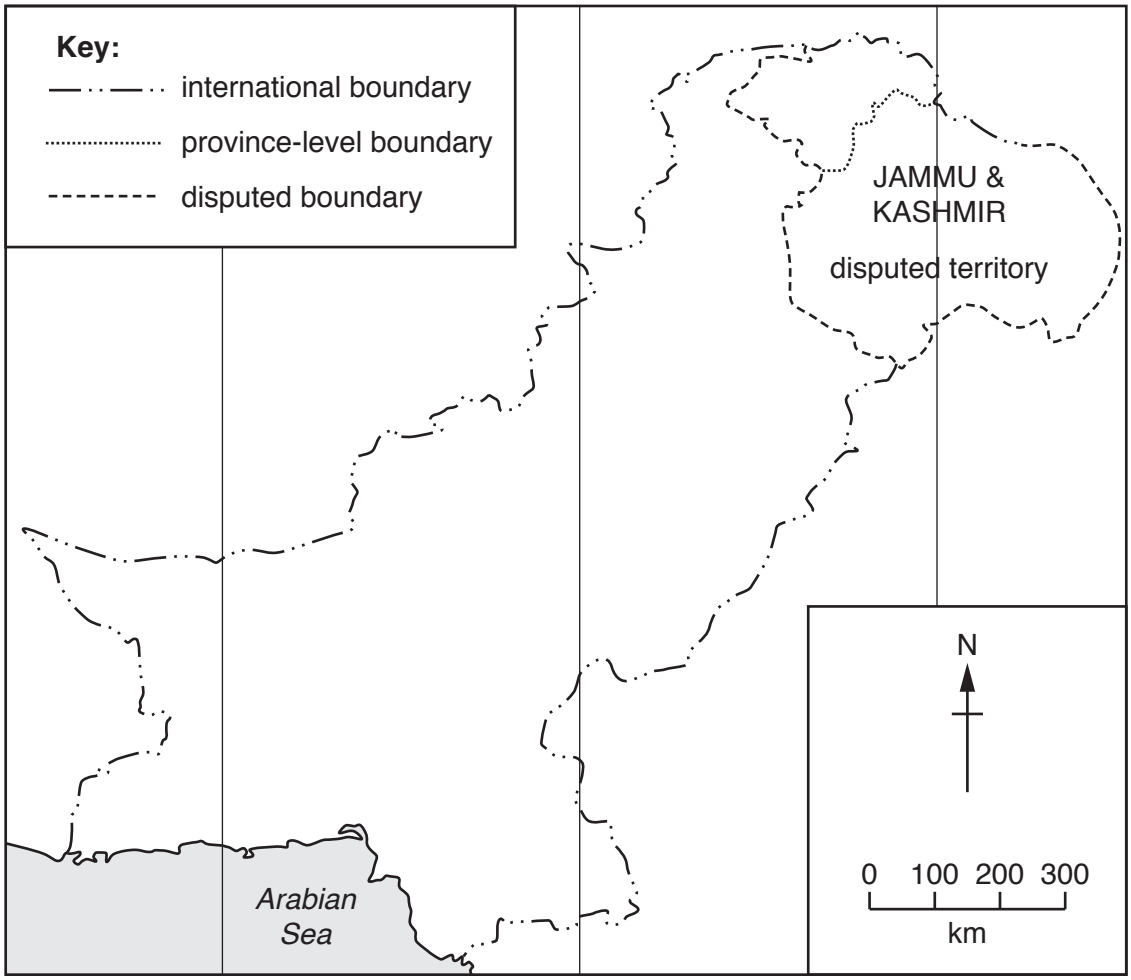

Fig. 1.1

(i) On Fig. 1.1, **label** the following: Afghanistan; India; Line of longitude 70°E

You should write the name in the correct location on the map. [3]

(ii) On Fig. 1.1, **draw** and **label** the Tropic of Cancer. [2]

(iii) Describe Pakistan's location in relation to other countries in South and Central Asia.

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(b) **(i)** Study Fig. 1.2 (Insert). Describe the main features of the desert area shown in the photograph.

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(ii) Explain the challenges of living in a desert area, such as that shown in Fig. 1.2. You should develop your answer.

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(iii) Study Fig. 1.3 (Insert). State **two** features of the climate typical of the environment shown in the photograph.

1 .....

2 .....[2]

(c) Suggest **two** ways in which latitude affects the climate of Pakistan.

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(d) Evaluate the extent to which the natural topography of Pakistan limits human activity and economic development in the north of the country. Give reasons to support your **judgement** and refer to examples you have studied. You should consider **different** points of view in your answer.

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2 **(a)** **(i)** Study Fig. 2.1, a map showing forest types in Pakistan.

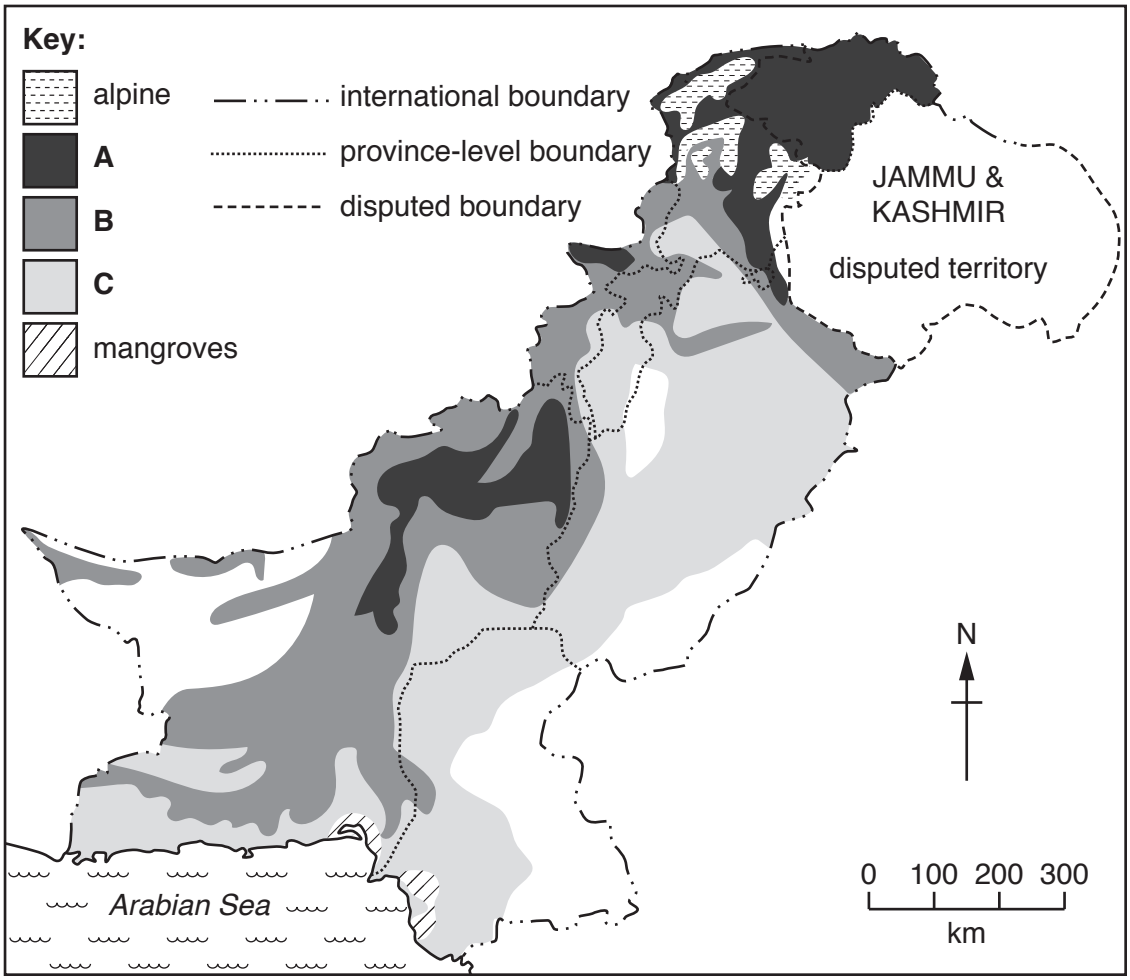

Fig. 2.1

Name the forest types shown at **A**, **B** and **C**:

A .....

B .....

C ..... [3]

(ii) Using Fig. 2.1, name **two** areas in Pakistan where mangroves grow.

1 .....

2 .....[2]

(b) **(i)** Describe **two** natural characteristics of mangrove forests.

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(ii) Describe **two** functions of forests.

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(iii) Suggest **three** physical factors which determine the type and density of forests.

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(c) **(i)** Study Fig. 2.2, which shows a coniferous tree.

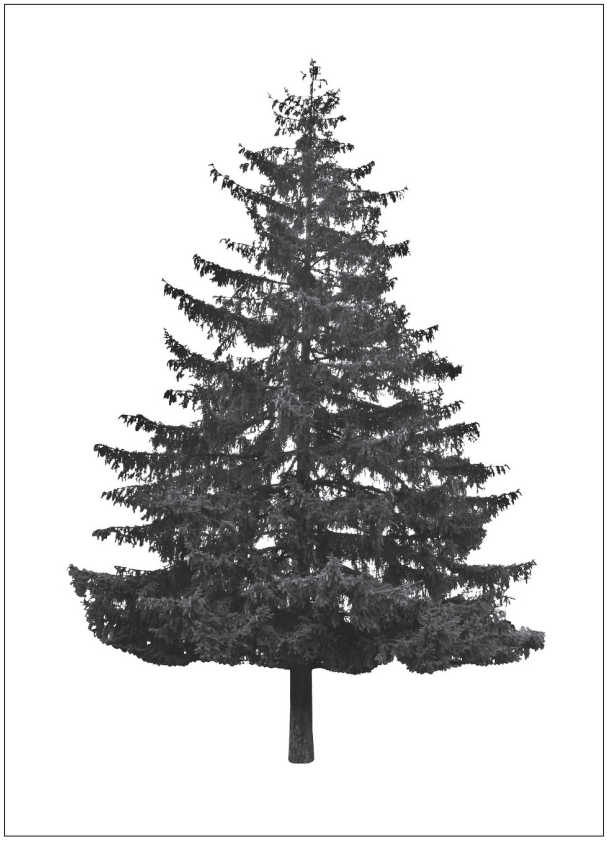

Fig. 2.2

Explain how this type of tree has adapted to the climatic conditions it grows in. You should develop your answer.

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(ii) State **three** causes of deforestation in Pakistan.

1 .....

2 .....

3 .....[3]

(d) Around 5 per cent of the land area of Pakistan is forested. To meet sustainable development targets the amount of land covered by forest needs to increase to 25 per cent by 2030. Read the following two views about possible uses of land in Pakistan:

A

Increased forest cover is an important use of land for the future development of Pakistan.

B

There are more important uses of land for the future development of Pakistan than increased forest cover.

Which view do you agree with more? Give reasons to support your answer and refer to examples you have studied. You should consider View **A and** View **B** in your answer.

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3 **(a)** **(i)** Define the term 'livestock farming'.

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(ii) State **two** uses of livestock on farms.

1 .....

2 .....[2]

(b) **(i)** Study Fig. 3.1 and Fig. 3.2 (Insert), photographs showing different types of livestock.

Identify and name the type of livestock shown in each figure.

Fig. 3.1 .....

Fig. 3.2 ..... [2]

(ii) Name **two** products from the livestock shown in Fig. 3.1.

1 .....

2 ..... [2]

(iii) Describe the benefits of rearing the livestock shown in Fig. 3.1 and Fig. 3.2.

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(c) **(i)** Study Fig. 3.3, a map showing the main regions of Pakistan where buffalo are kept.

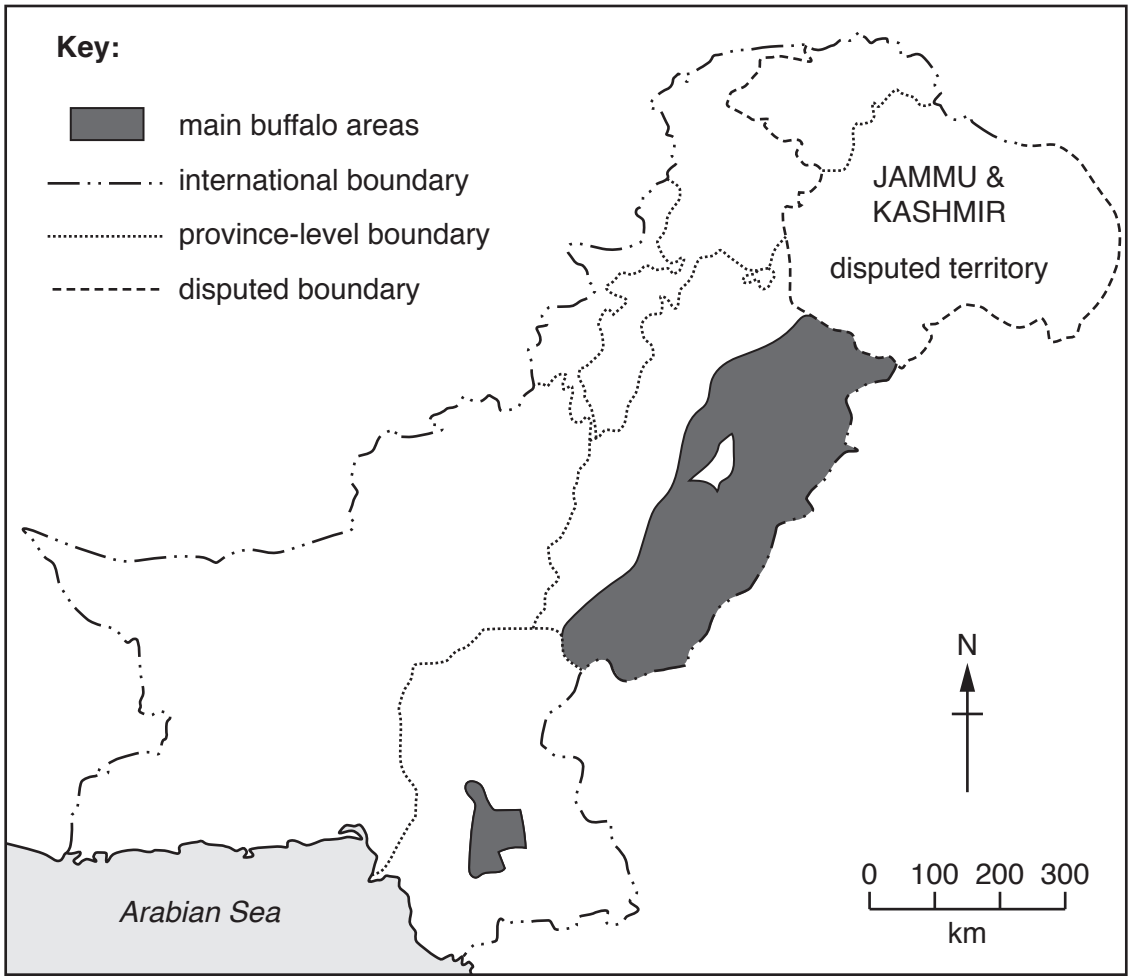

Fig. 3.3

Using Fig. 3.3 and your own knowledge, describe the distribution of buffalo in Pakistan.

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(ii) Suggest **two** reasons why buffalo are kept in these regions.

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(iii) Explain how **natural** factors can create problems for buffalo farmers. You should develop your answer.

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(d) The government has encouraged the growth of commercial poultry farming since 1964. There have been some challenges but different strategies have been introduced to further develop this type of farming in Pakistan.

Evaluate the extent to which commercial poultry farming in Pakistan has overcome its challenges and developed further. Give reasons to support your **judgement** and refer to examples you have studied. You should consider the challenges **and** the strategies used in your answer.

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4 **(a)** **(i)** Study Fig. 4.1, a map showing the location of selected textile industries in Pakistan.

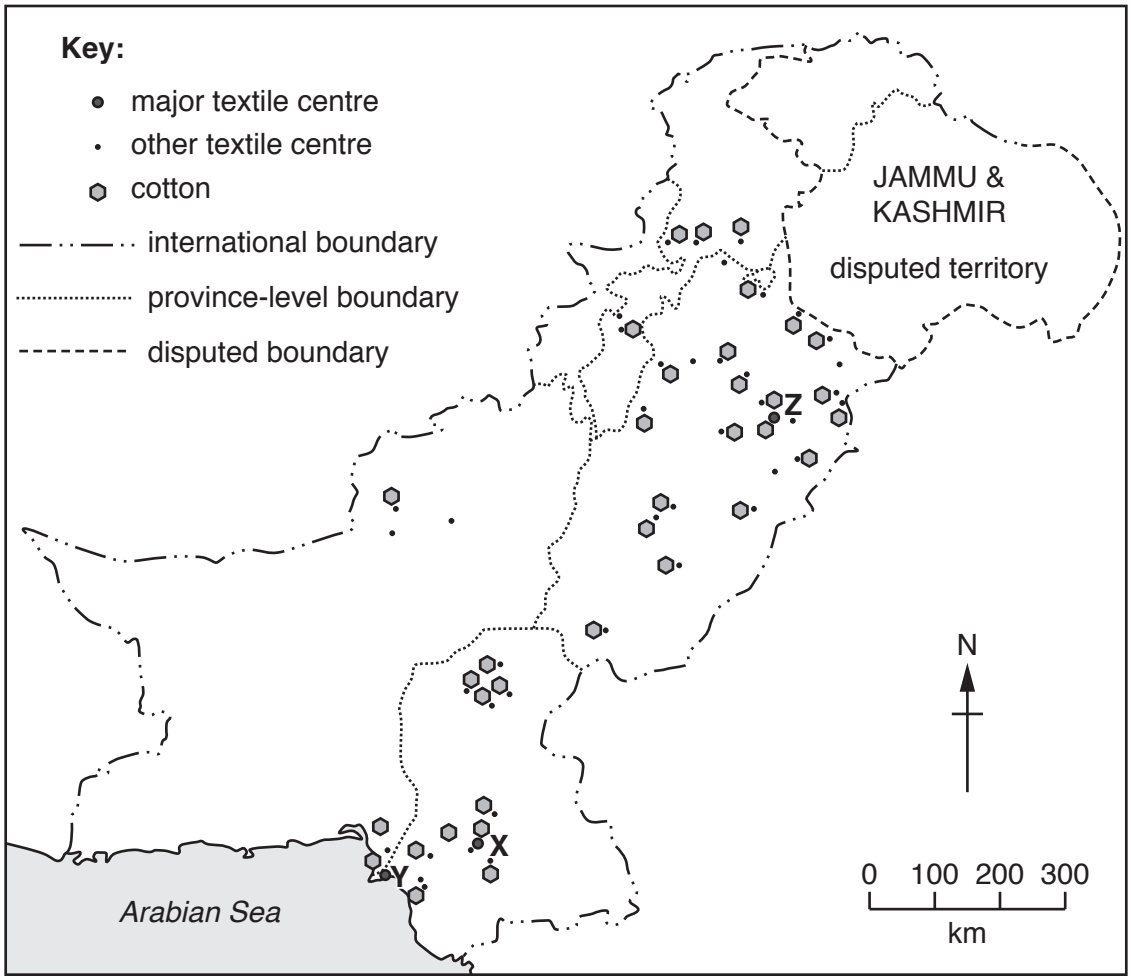

Fig. 4.1

Name the **three** major textile centres labelled **X**, **Y** and **Z** on Fig. 4.1.

X .....

Y .....

Z ..... [3]

(ii) Describe the location of the major textile centre labelled **Y** on Fig. 4.1.

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(b) **(i)** Define the term 'secondary industry'.

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(ii) State a feature of each of the following types of industry:

cottage industries; .....

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small-scale industries; .....

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large-scale industries. .....

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(iii) State **three** reasons for the location of the cotton textile industries in Pakistan.

1 .....

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2 .....

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3 .....

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(c) **(i)** Study Fig. 4.2, a diagram showing three of the processes involved in the spinning of cotton.

Describe processes **A**, **B** and **C** in the boxes on Fig. 4.2.

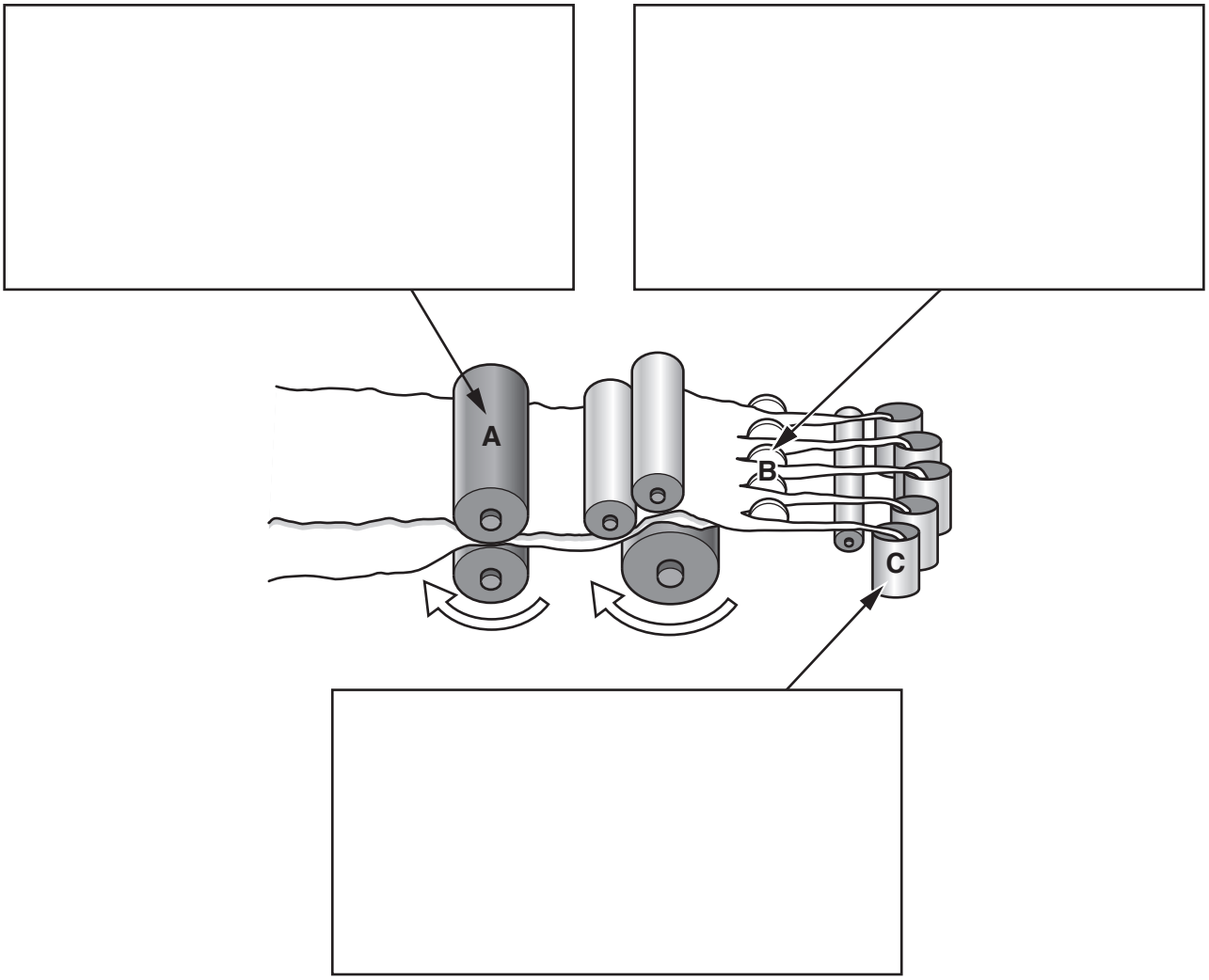

Fig. 4.2

[3]

(ii) Explain why the cotton textile industry is important to Pakistan. You should develop your answer.

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(d) Although cotton textiles is Pakistan's largest industry, it still faces challenges if it is to increase its global market share. Read the following two views about some of the challenges to the cotton textile industry in Pakistan:

A

Load shedding of electricity is a major challenge to the growth of the cotton textile industry.

B

Lack of skilled labour is a major challenge to the growth of the cotton textile industry.

Which view do you agree with more? Give reasons to support your answer and refer to examples you have studied. You should consider View **A and** View **B** in your answer.

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5 **(a)** Study Fig. 5.1, which is a diagram of the Demographic Transition Model.

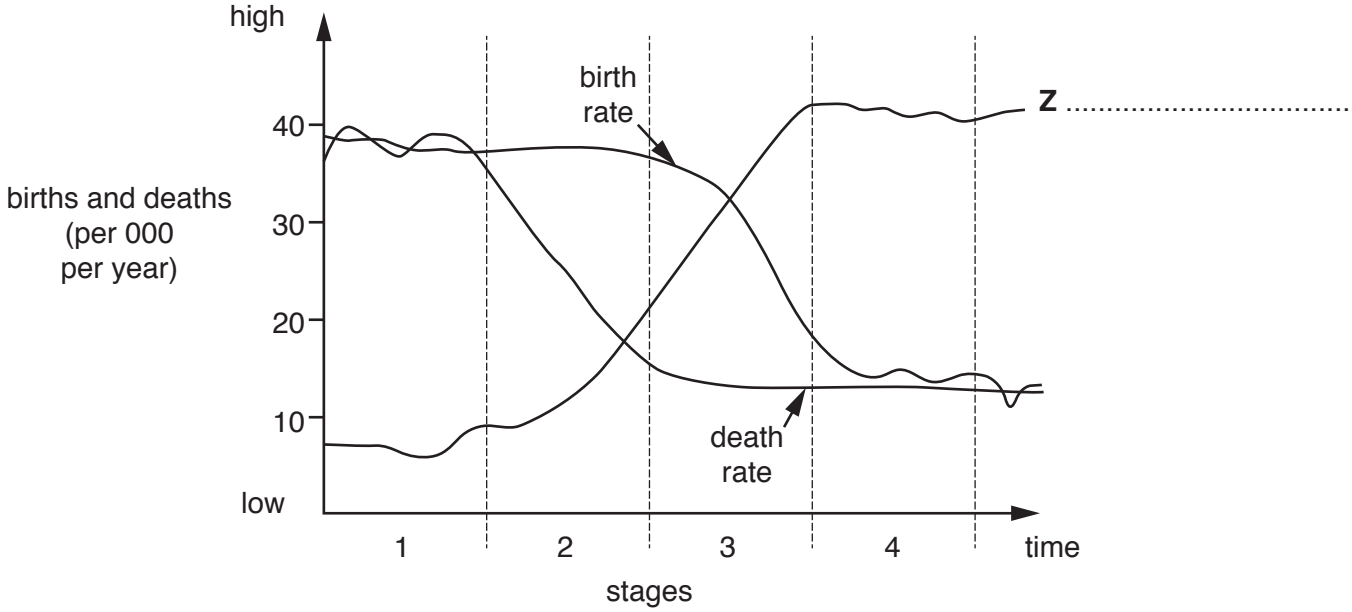

Fig. 5.1

(i) Add a suitable label for line **Z** on Fig. 5.1. [1]

(ii) Describe the changes that occur in Stage 2 of the Demographic Transition Model in Fig. 5.1.

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(b) **(i)** Suggest **three** reasons for a high and fluctuating death rate in Pakistan during Stage 1 of the Demographic Transition Model.

1 .....

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3 .....

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(ii) Explain **two** reasons for a fall in the birth rate in Pakistan during Stage 3 of the Demographic Transition Model. You should develop your answer.

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(c) **(i)** Define the term 'population density'.

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(ii) Study Fig. 5.2, a map showing the population density of Pakistan.

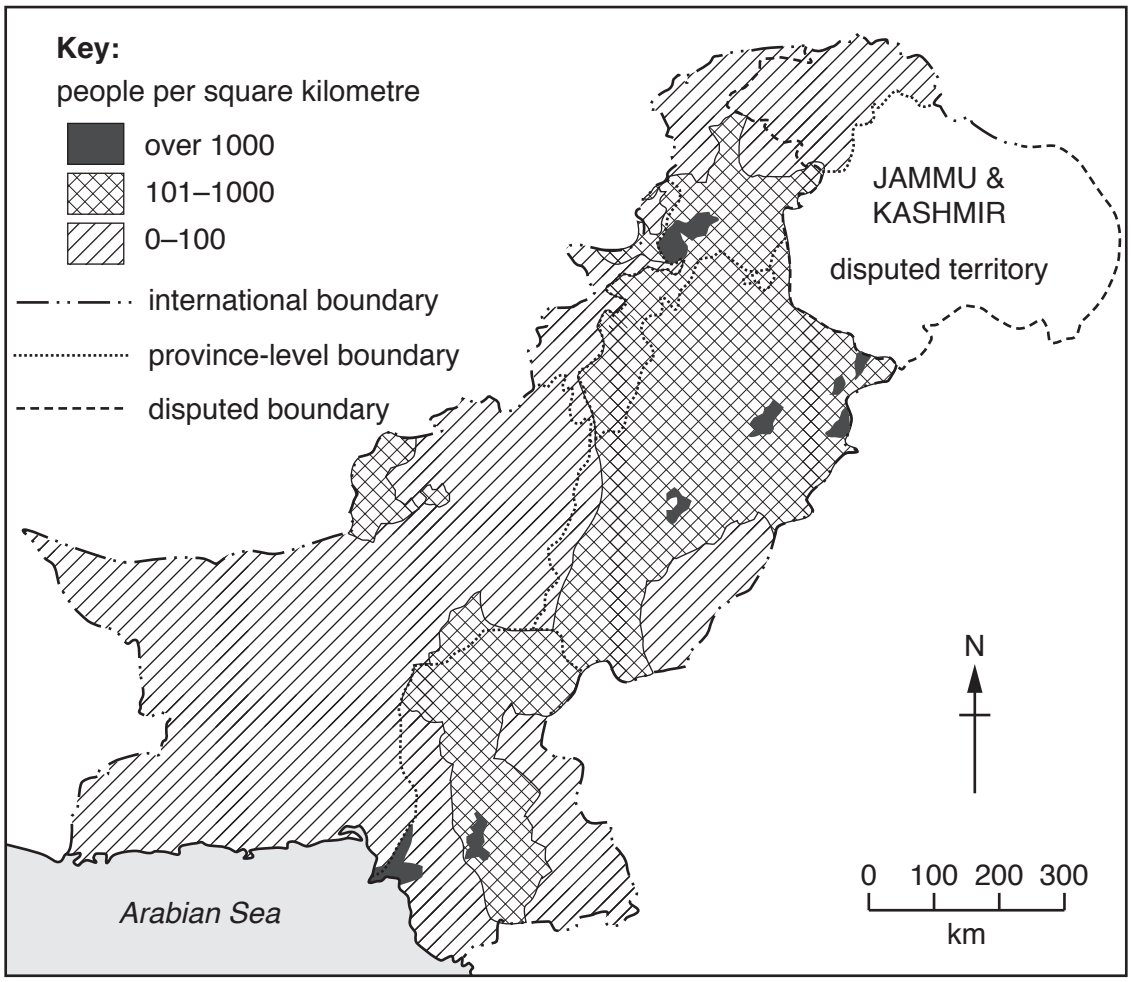

Fig. 5.2

Describe the population density of Pakistan.

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(iii) Suggest reasons for the variation in population density in Pakistan as shown in Fig. 5.2.

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(d) Pakistan's population is predicted to double by 2050 if population growth continues at the current rate.

Evaluate whether it will be possible for the government to support the population of Pakistan in the future. Give reasons to support your **judgement** and refer to examples you have studied. You should consider **different** points of view in your answer.

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Additional Pages

If you use the following lined pages to complete the answer(s) to any question(s), the question number(s) must be clearly shown.

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