Cambridge O Level

Cambridge Assessment International Education
Cambridge Ordinary Level

CANDIDATE NAME	

CENTRE NUMBER							CANDIDATE NUMBER				

8534291421

PAKISTAN STUDIES **2059/02**

Paper 2 The Environment of Pakistan **May/June 2019**

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. 4.2, 4.3, 4.4, 4.5 and 4.6 for Question 4 and Figs. 5.2 and 5.3 for Question 5.
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 Assessment International Education

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

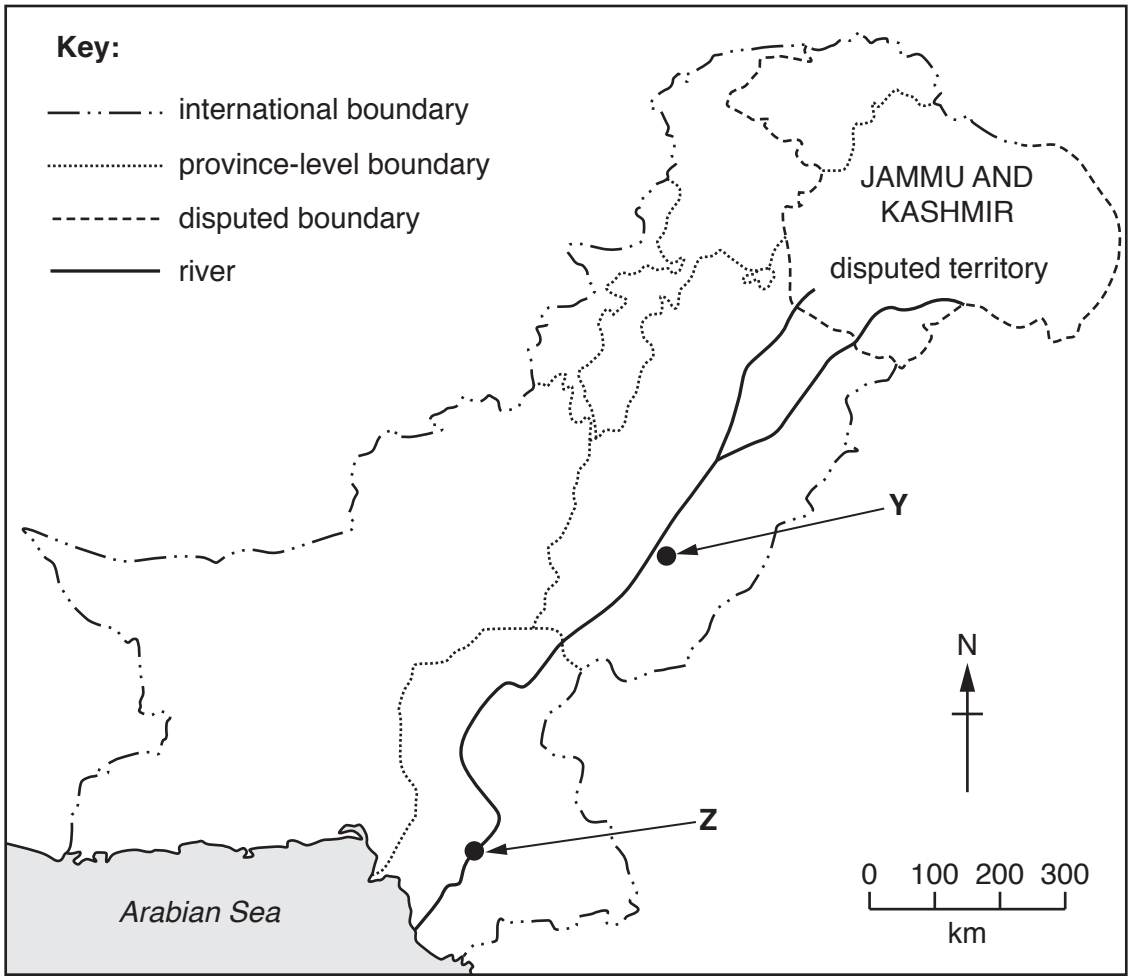

Fig. 1.1

(i) **Label on Fig. 1.1** the province-level areas in the correct locations using the letters from the list below.

letter	province-level area
A	Balochistan
B	FATA
C	Northern Areas/Gilgit-Baltistan
D	Kyber Pakhtunkhwa (KPK)
E	Punjab
F	Sindh

[3]

(ii) Name the cities **Y** and **Z**.

Y .....

Z .....

[2]

(b) **(i)** Describe the characteristics of a floodplain.

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..... [3]

(ii) State **two** ways that land on a floodplain is used.

1 .....

2 ..... [2]

(c) **(i)** **Complete** the passage below about monsoon rainfall in Pakistan. Choose the correct words from the list and place them in the spaces provided.

Monsoon ..... blow towards the heart of the ..... in ..... . They blow towards the sea in ..... .

autumn continent ocean spring

summer winds winter

[2]

(ii) Describe the causes of the south west monsoon.

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(iii) Explain **two** impacts of a heavy monsoon. You should develop your answer.

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(d) Rivers are an important resource for human settlement and economic activity, but flooding is an increasing problem which can hinder development. Read the following two views about ways to manage flooding in Pakistan:

A

More flood management schemes are needed along rivers to prevent floods.

B

Flooding brings benefits so rivers should be allowed to flood naturally.

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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[Total: 25]

2 **(a)** **(i)** Study Fig. 2.1, which is a map of the southern coastline of Pakistan.

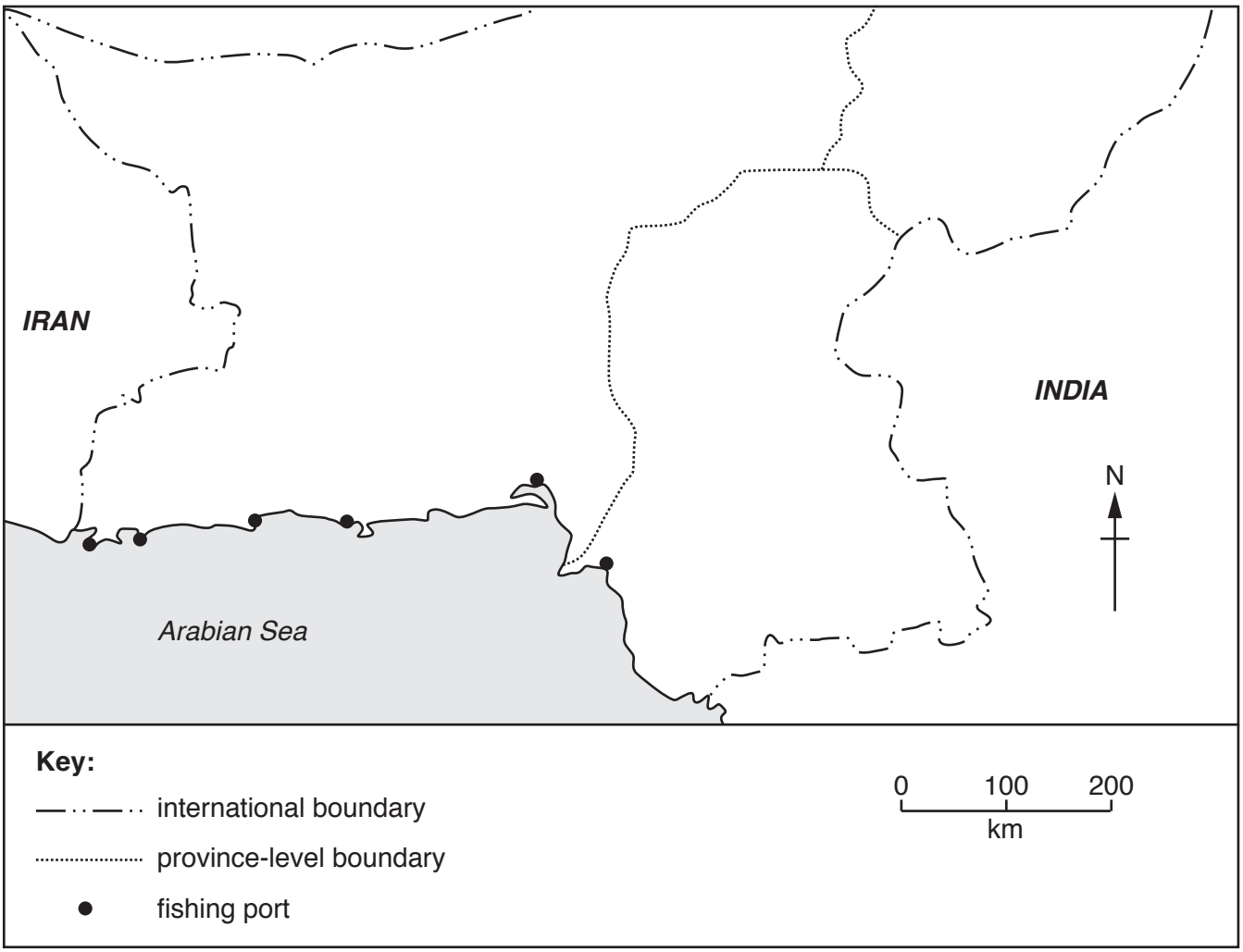

Fig. 2.1

Name **two** fishing ports on this coastline.

1 .....

2 ..... [2]

(ii) State **two** uses of fish.

1 .....

2 ..... [2]

(iii) **Complete** the passage about types of marine fishing in Pakistan. Choose the correct words from the list and place them in the spaces provided.

> Fish that is caught and sold for profit is known as ..... fishing. Many families depend on this type of fishing for their main source of ..... . Fish that is caught by the family for their own consumption is known as ..... fishing. Many people who live near the coast rely on fish as the main component of their ..... .

catch commercial diet large income

small subsistence traditional

[2]

(iv) Describe **three** fishing methods used in marine waters.

1 .....

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2 .....

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3 .....

..... [3]

(b) **(i)** What is a fish farm?

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..... [1]

(ii) Describe the characteristics of a fish farm.

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..... [2]

(iii) **Classify** the following fish into the correct category in the table below. **An example has been done for you.**

Marine fish	Inland or freshwater fish
shark	*manaseer*

Choose from:

drum rahu croaker catfish skate

palla trout ray thalla grass carp

[3]

(c) Explain **two** problems caused by the fishing industry on the natural environment. You should develop your answer.

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(d) Fishing is an important and growing economic activity in Pakistan. Read the following two views about ways to develop the fishing industry in Pakistan sustainably:

A	B
Developing inland fish farming has greater benefits for the people and economy and is more sustainable.	Developing marine fishing has greater benefits for the people and economy and is more sustainable.

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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[Total: 25]

3 **(a)** **(i)** Study Fig. 3.1, a map showing gas producing regions and the natural gas pipeline network in Pakistan.

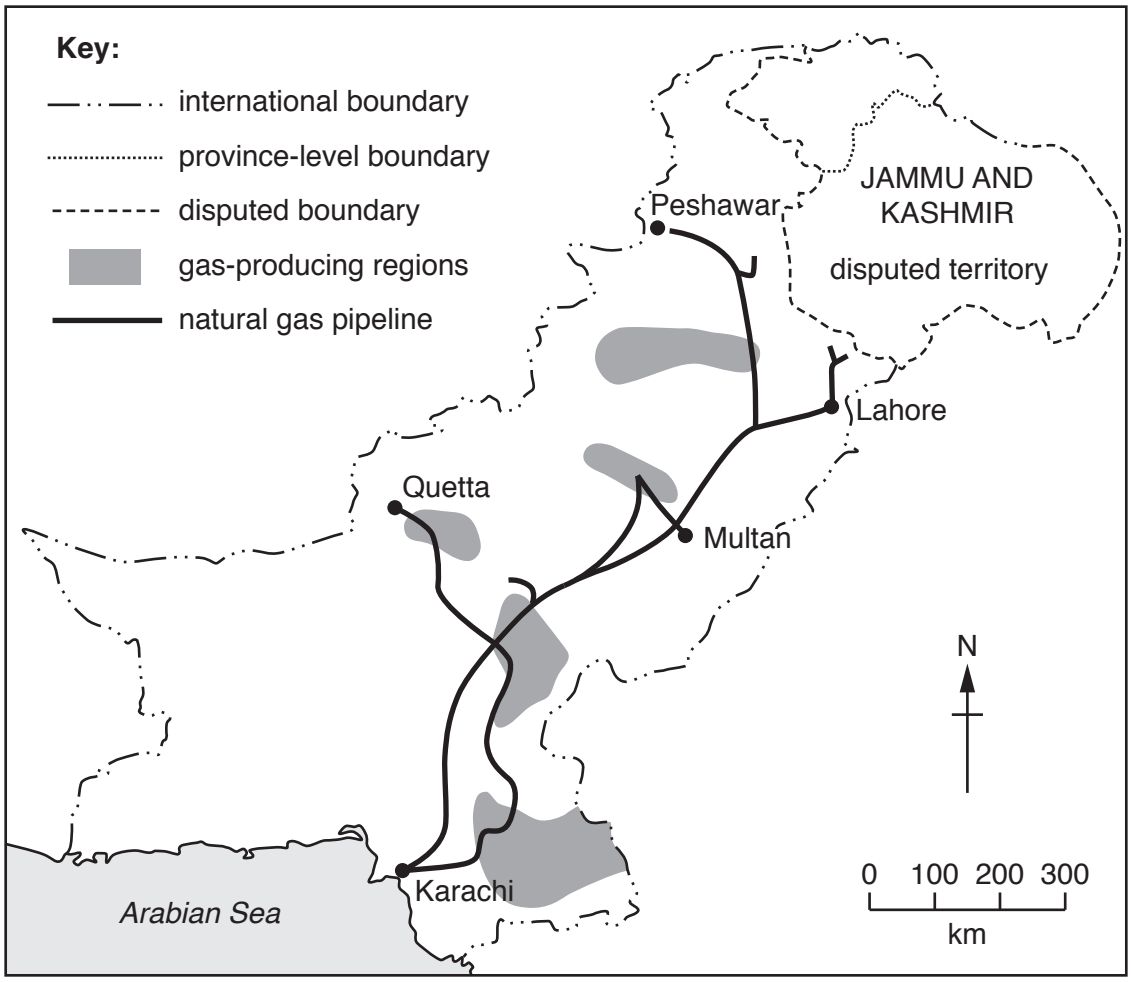

Fig. 3.1

Name **three** gas producing regions in Pakistan.

1 .....

2 .....

3 ..... [3]

(ii) Using Fig. 3.1 and your own knowledge, describe the distribution of the natural gas pipeline network in Pakistan.

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(iii) Explain **one** way of transporting natural gas to parts of Pakistan not served by the pipelines and **one** limitation of this method. You should develop your answer.

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(b) **(i)** Study Fig. 3.2, which shows the percentage share of natural gas used by selected sectors in Pakistan.

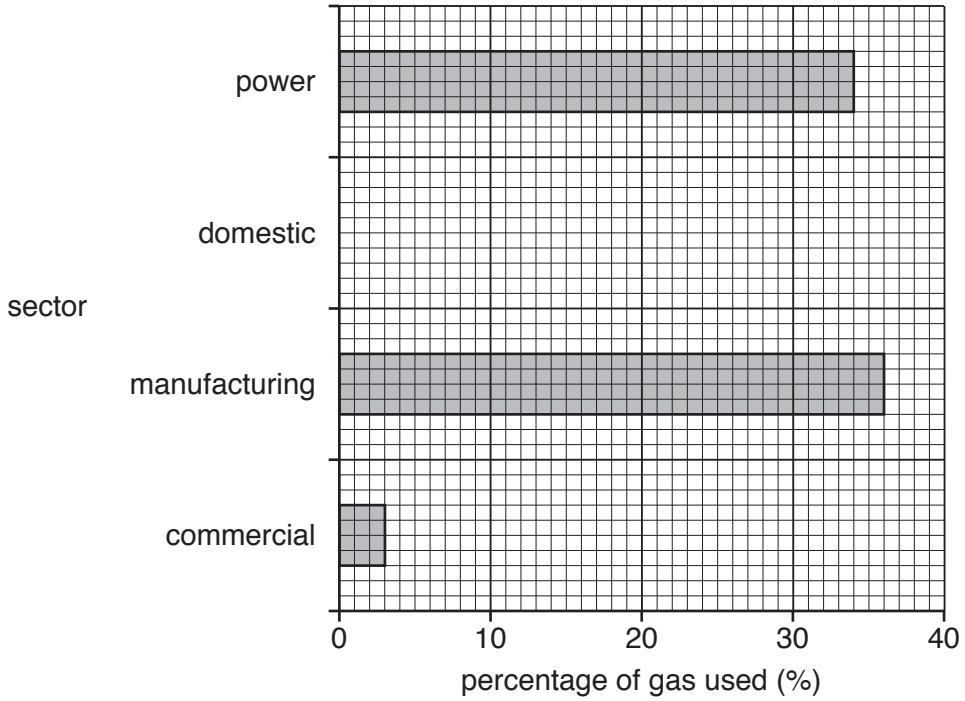

Fig. 3.2

Complete Fig. 3.2 by drawing the bar for domestic use using the information below.

gas use	percentage (%)
domestic	18

[1]

(ii) Name **two** other sectors that use natural gas which are not shown on Fig. 3.2.

1 .....

2 ..... [2]

(c) **Complete** the passage about generating electricity using natural gas. Choose the correct words from the list and place them in the spaces provided.

To produce electricity in a ..... power station, ... such as coal, oil or gas are burned to make ..... that moves the ..... to generate electricity. Transformers control the voltage and transfer electricity to pylons through ..... lines.

biofuels	conductor	fossil fuels	heat	hydel	light
nuclear	power	steam	thermal	transmission	turbines

[5]

(d) The natural gas field discovered at Sui is considered to be one of the largest in the world. Additional smaller gas fields have since been discovered and developed in Pakistan.

To what extent is further development of the natural gas industry possible in Pakistan? Give reasons to support your **judgement**. You should consider **different** points of view in your answer.

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[Total: 25]

4 **(a)** **(i)** Define 'tertiary industry'.

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(ii) Study Fig. 4.1, which shows the percentage share of people employed in each economic sector in Pakistan.

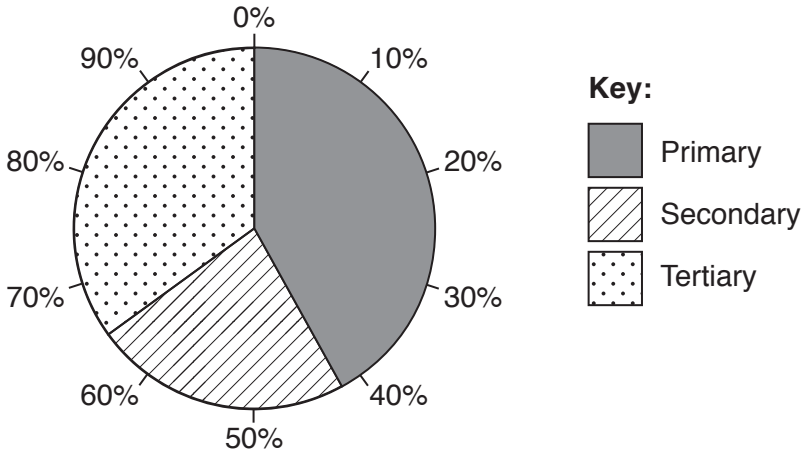

Fig. 4.1

What is the percentage of people employed in tertiary activities in Pakistan?

..... % [1]

(iii) Name **three** different job types in the tertiary sector.

1 .....

2 .....

3 ..... [3]

(b) **(i)** Describe the difference between domestic and foreign tourism.

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..... [2]

(ii) Study Table 4.1, which shows the source of foreign tourists to Pakistan from selected countries in 2007.

origin	number
UK	275 600
USA	129 600
Afghanistan	80 500
China	30 600

Table 4.1

A Which country is the main source of foreign tourists?

.....

B Suggest **two** reasons for this.

1 .....

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2 .....

..... [3]

(c) **(i)** Explain **two** advantages of tourism to Pakistan. You should develop your answer.

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(ii) Study Figs. 4.2, 4.3, 4.4, 4.5 and 4.6 (Insert), photographs of some natural and cultural attractions of Pakistan. Use the photographs and your own knowledge to suggest how each is a tourist attraction.

Fig. 4.2 .....

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Fig. 4.3 .....

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Fig. 4.4 .....

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Fig. 4.5 .....

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Fig. 4.6 .....

..... [5]

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(d) Tourism is an important and growing activity in Pakistan contributing 7.4 per cent to Gross Domestic Product in 2017.

To what extent is further development of Pakistan's tourism industry possible? Give reasons to support your **judgement**. You should support **different** points of view in your answer.

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5 **(a)** **(i)** Study Fig. 5.1, a map showing population distribution in Pakistan.

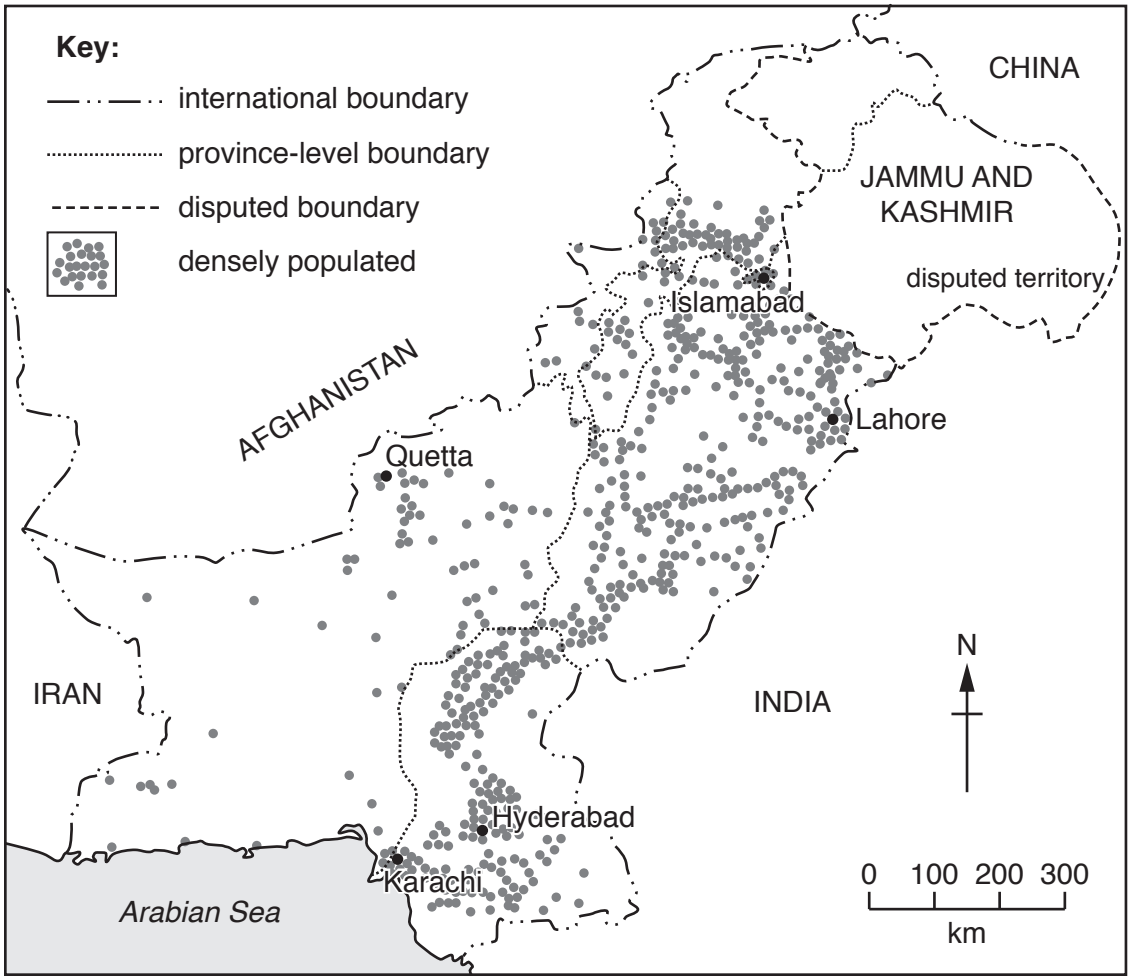

Fig. 5.1

Name a province that is sparsely populated.

..... [1]

(ii) Using Fig. 5.1, describe the population distribution of Pakistan.

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(iii) Suggest **three** physical factors for the pattern of population distribution shown in Fig. 5.1.

1 .....

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2 .....

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(b) **(i)** Define 'rural to urban migration'.

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..... [1]

(ii) Using your own knowledge, what is the trend for the percentage share of people living in rural areas? Circle the correct answer.

increasing decreasing stable

[1]

(iii) State **three** pull factors for people moving to urban areas.

1 .....

2 .....

3 ..... [3]

(c) **(i)** Explain **two** impacts of large numbers of people moving into urban areas. You should develop your answer.

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(ii) Study Figs. 5.2 and 5.3 (Insert), which show two areas of shanty development in Pakistan. Describe **three** differences between the shanty developments shown in Figs. 5.2 and 5.3.

1 .....

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2 .....

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3 .....

..... [3]

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(d) Evaluate the measures taken to improve the living conditions in shanty developments in urban areas of Pakistan. 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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[Total: 25]

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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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