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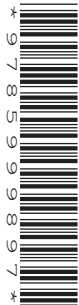
CANDIDATE
NAME

CENTRE
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PAKISTAN STUDIES

0448/02

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.

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

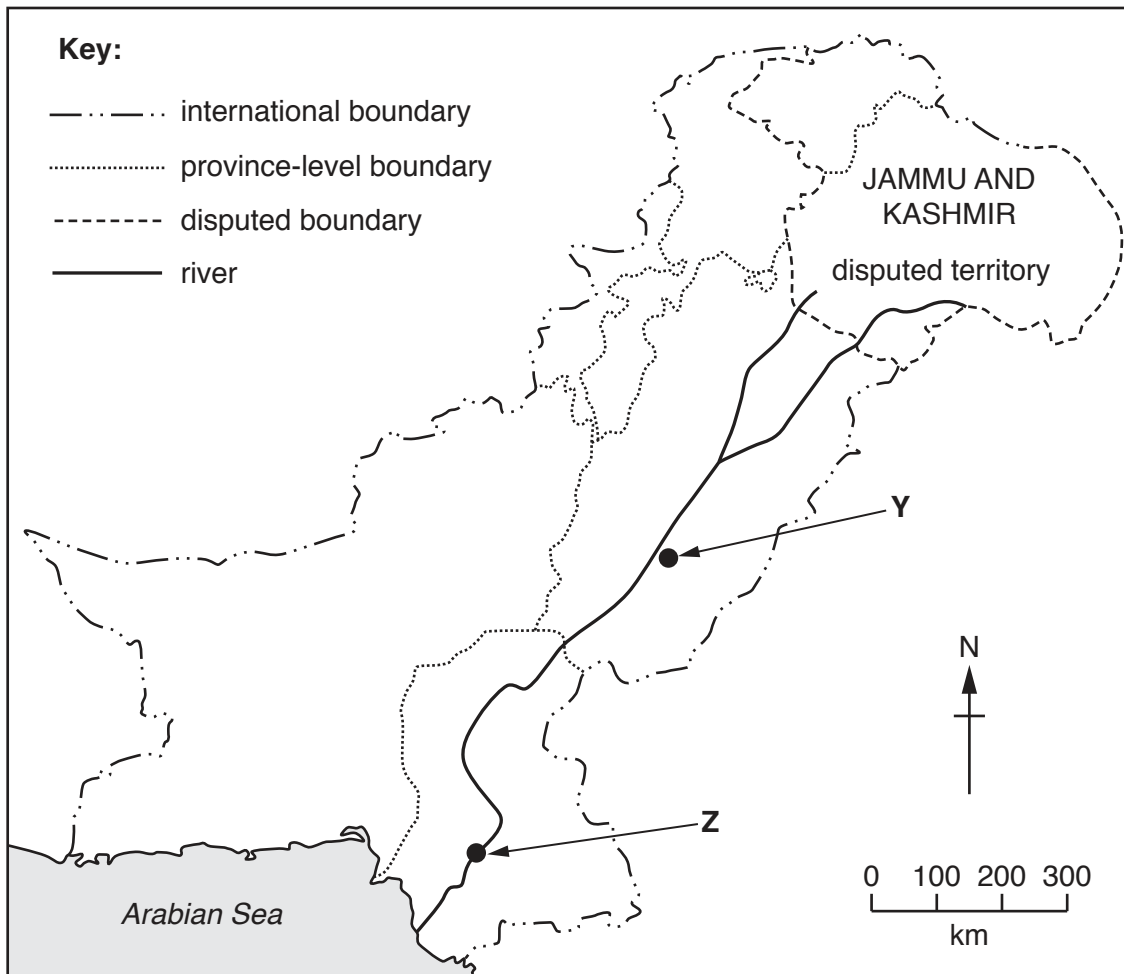


Fig. 1.1

- (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.

.....
.....
.....
.....
.....
..... [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.

.....
.....
.....
.....
..... [3]

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

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..... [4]

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

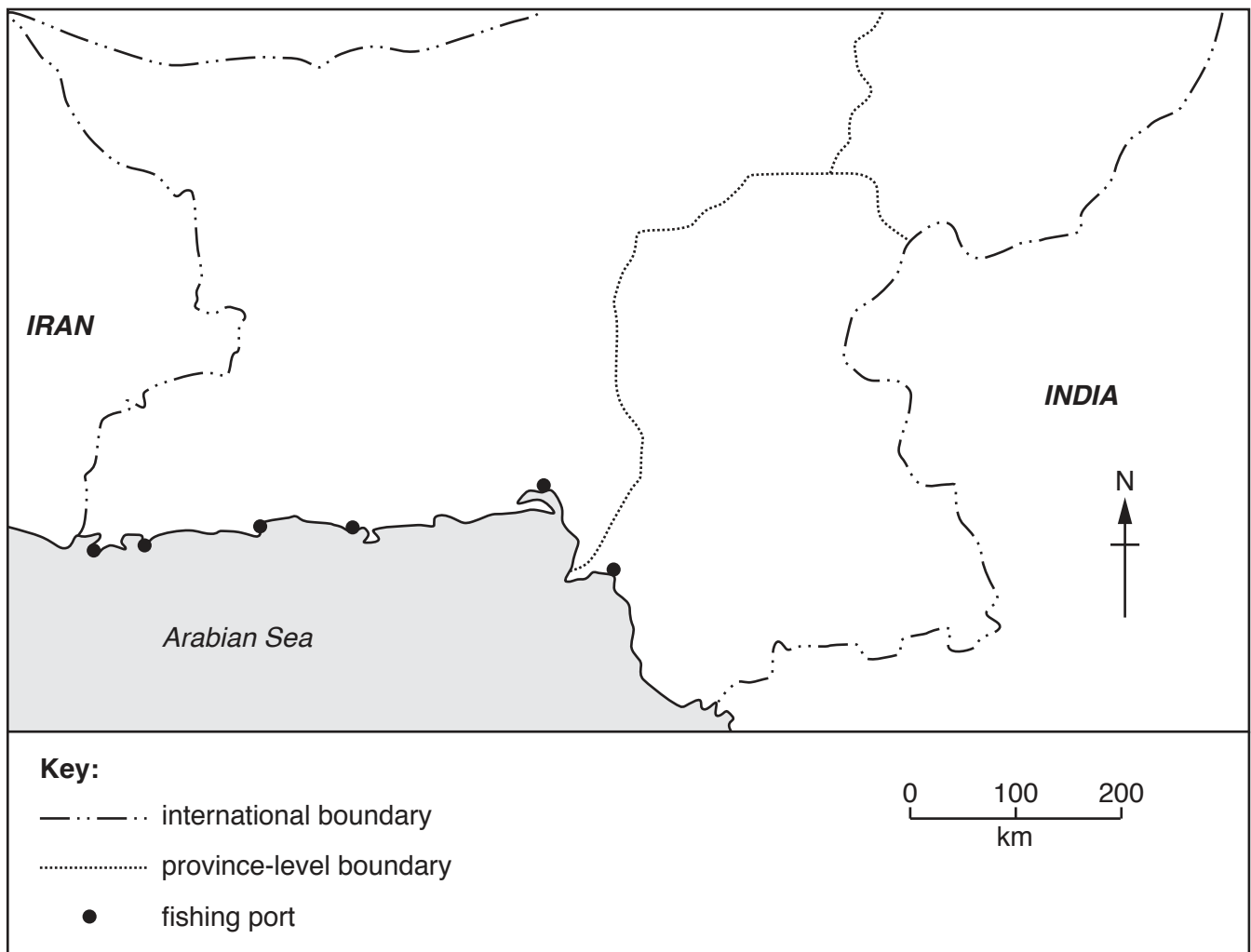


Fig. 2.1

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
-
- 2
-
- 3
- [3]

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

..... [1]

(ii) Describe the characteristics of a fish farm.

..... [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
<i>shark</i>	<i>manaseer</i>

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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[4]

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

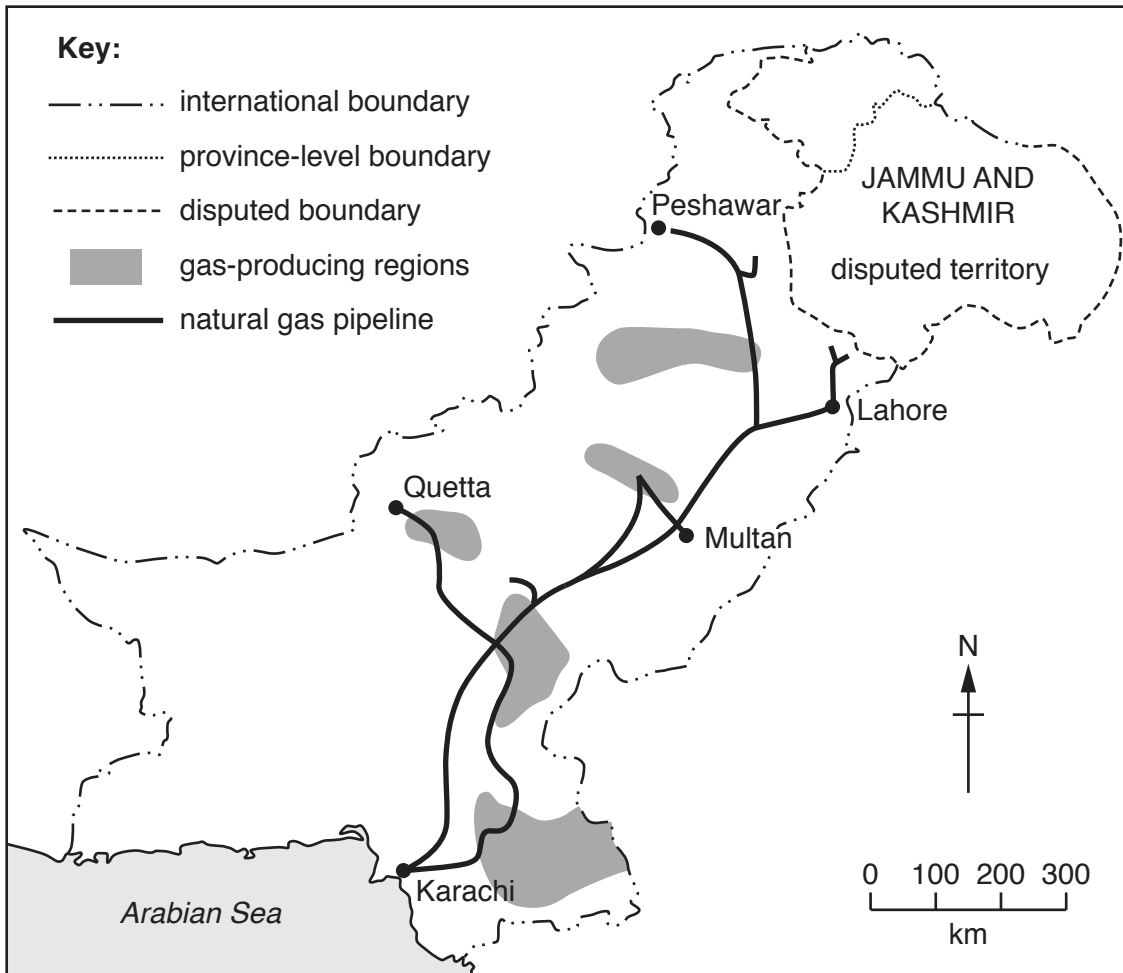


Fig. 3.1

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.

.....

.....

.....

.....

.....

.....

.....

.....

..... [4]

- (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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..... [4]

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

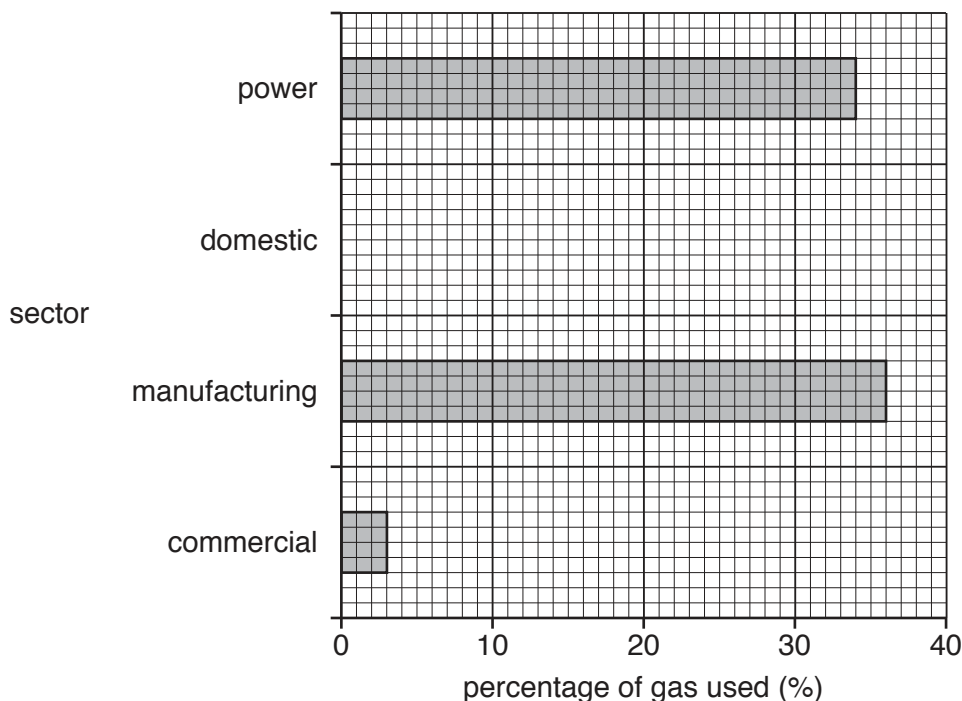


Fig. 3.2

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]

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

.....
..... [1]

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

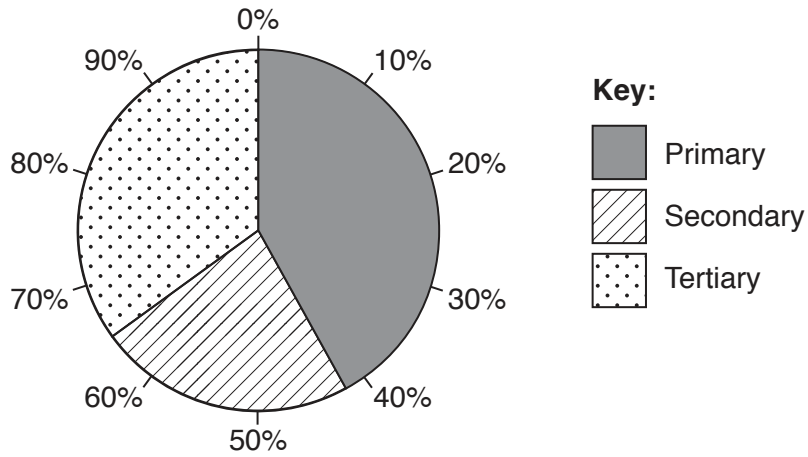


Fig. 4.1

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.

.....
.....
.....
..... [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

.....

2

..... [3]

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

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..... [4]

(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

Fig. 4.3

Fig. 4.4

Fig. 4.5

Fig. 4.6 [5]

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

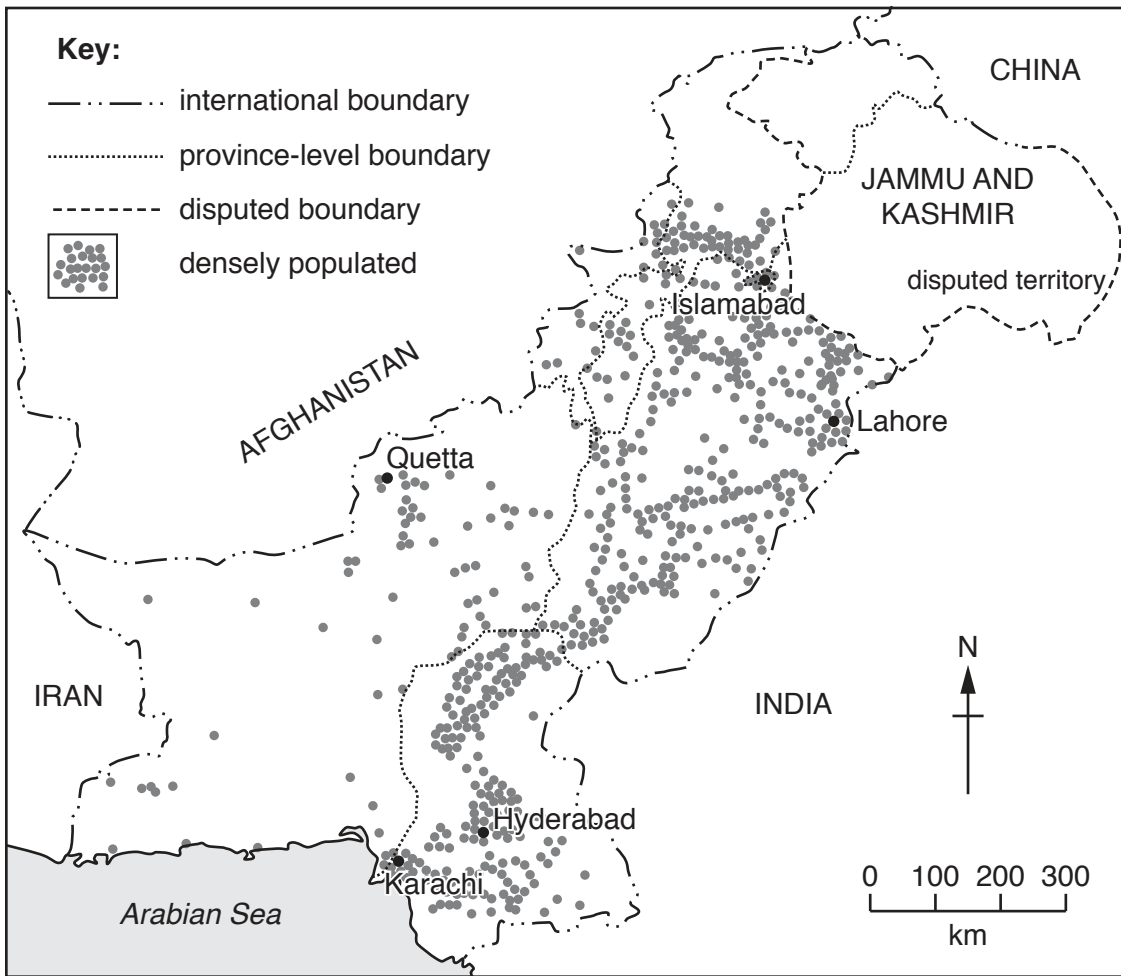


Fig. 5.1

Name a province that is sparsely populated.

.....

[1]

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

.....
.....
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.....
.....

[3]

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

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

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

.....
..... [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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..... [4]

(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
.....
2
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3
..... [3]

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