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2059/02

For Examination from 2009

1 hour 30 minutes

No Additional Materials are required.

Do not use staples, paper clips, highlighters, glue or correction fluid.

The Insert contains Photograph A for question 2 (a) and Photograph B for question 4 (c).

The number of marks is given in brackets [] at the end of each question or part question.

This document consists of **21** printed pages and **1** blank page.



The Environment of Pakistan

- 1 (a) Study Fig. 1, a temperature graph for Lahore.

Temperature of Lahore

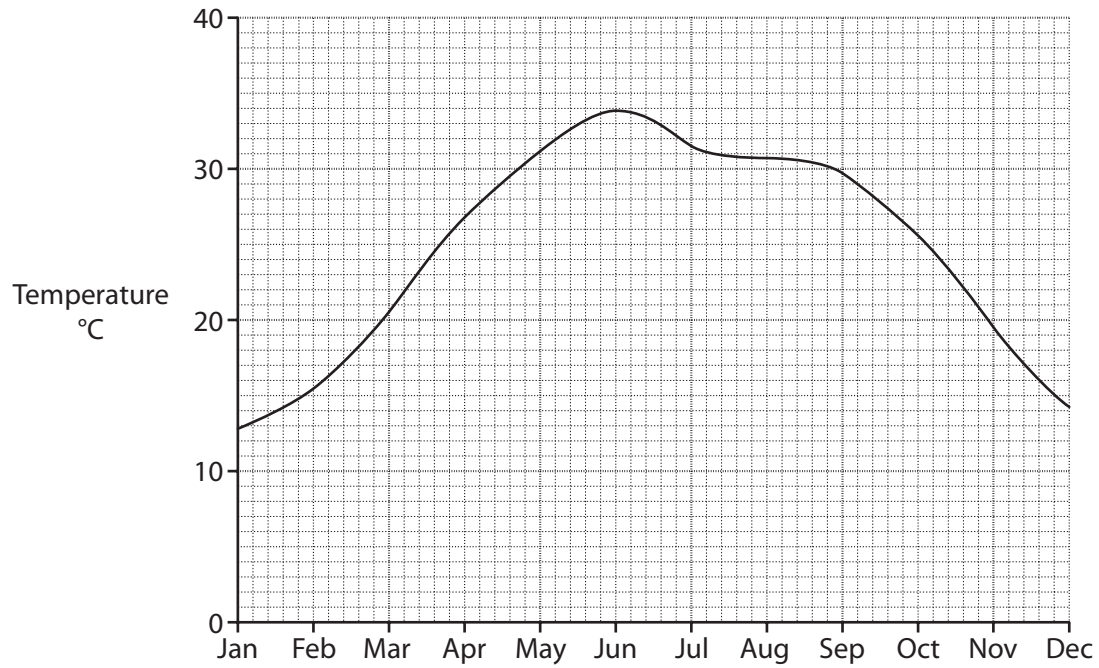


Fig. 1

- (i) Describe the pattern of temperature through the year at Lahore.

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..... [3]

(ii) Explain why heavy rain falls during the monsoon season.

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..... [3]

(b) Study Fig. 2 (opposite page), rainfall charts for Chitral and Lahore.

Compare the amounts of rainfall for Chitral and Lahore

- A** from January to May
B from June to September.

A

.....

.....

B

.....

..... [4]

(c) (i) In which months do western depressions bring rainfall to Pakistan?

..... [1]

(ii) Which of the cities in Fig. 2 receives more rainfall from these western depressions?

..... [1]

4

(iii) Explain why western depressions cause rainfall in Pakistan.

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..... [3]

(d) Explain how topography and drainage cause problems for farming in Balochistan.

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..... [4]

Rainfall of Chitral and Lahore

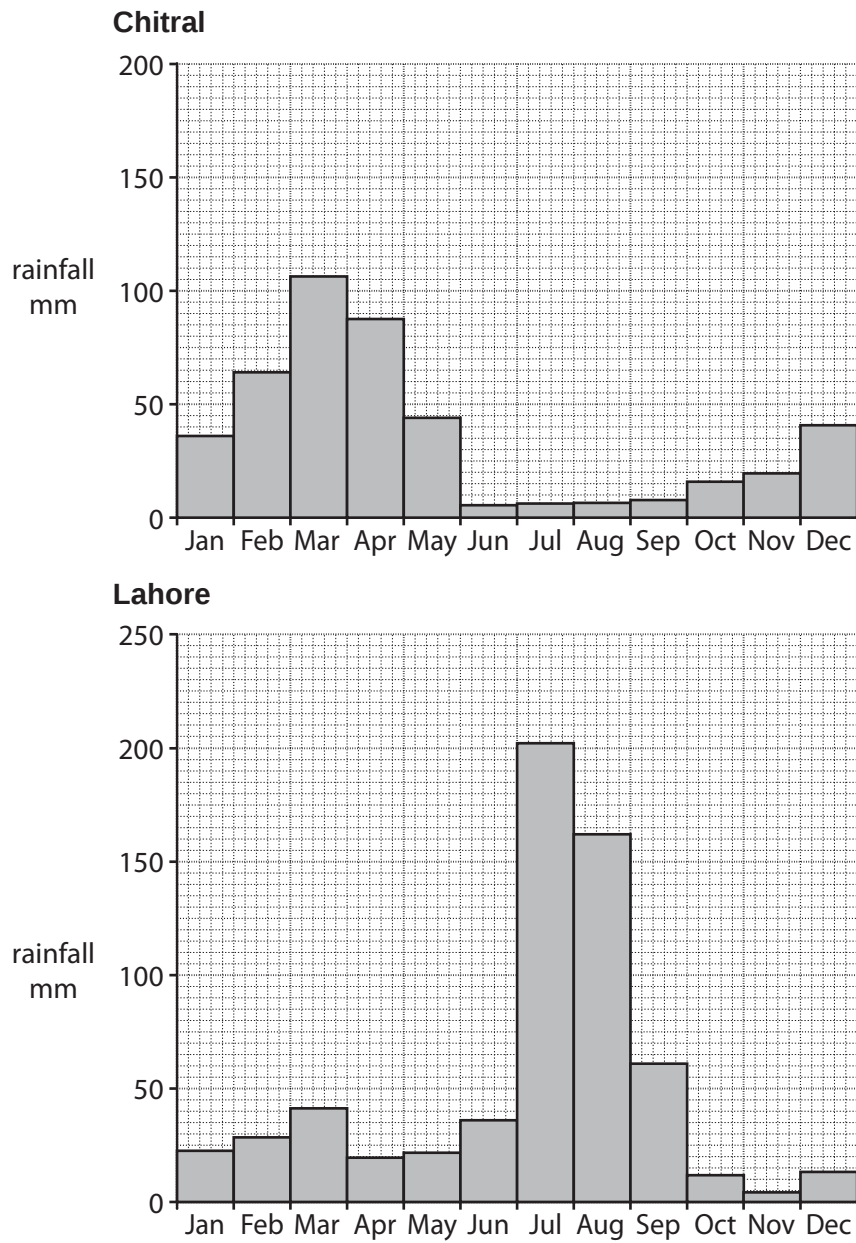


Fig. 2

(e) Read Fig. 3, an extract from a magazine.

Most farmers in Balochistan do not have access to water from the River Indus. There are many small rivers that flow into shallow lakes but they are dry for most of the year. These small rivers can provide some water for irrigation. Other sources of water are underground, and some water flows in tunnels from the mountains.

Irrigation News

Fig. 3

Describe the irrigation methods that can be used by farmers in Balochistan and comment on the success of such schemes for increasing farming output.

[6]

[Total: 25]

2 (a) Study Photograph A (Insert) showing a crop of sugar cane.

(i) Describe the appearance of this crop.

[2]

(ii) Explain how the growth can be improved by

- A** irrigation
B fertilisers.

A

.....

B

[4]

(b) Explain how this crop is processed.

[6]

(c) Study Fig. 4, a graph of sugar cane production.

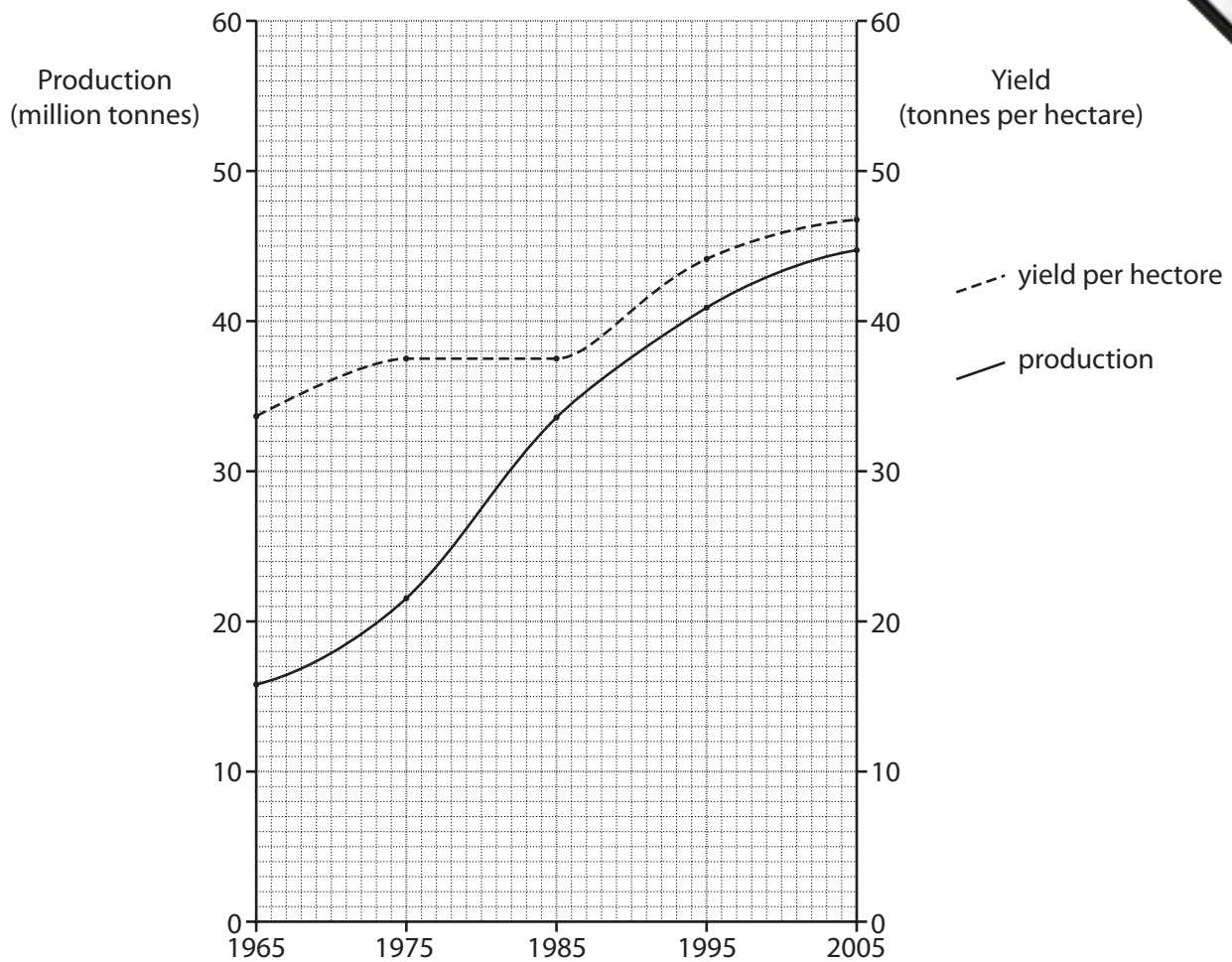


Fig. 4

(i) What was the increase from 1965 to 2005 in

- A** production?
B yield per hectare?

A

B [2]

(ii) Name an area of high sugar cane production.

..... [1]

(d) Study the list of factors below which affect agricultural development:

mechanisation	land consolidation	transport improvements
financial loans	education	telecommunication
		new seed varieties

(i) Choose **three** of these factors and **for each** explain how it increases production of sugar and other agricultural products.

1

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2

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3

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..... [6]

(ii) Explain why it is important to increase the production of sugar and other agricultural products in Pakistan.

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..... [4]

[Total: 25]

3 (a) Study Fig. 5, a map of Pakistan.

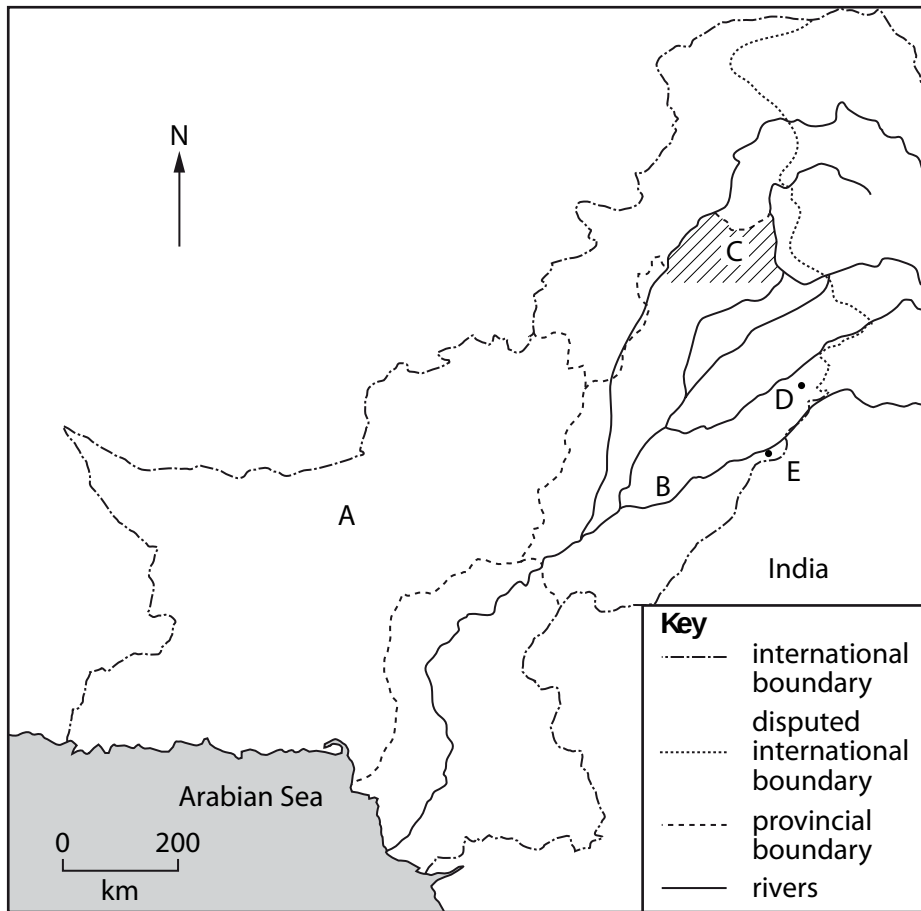


Fig. 5

(i) Name the province **A**.

A

(ii) Name the river **B**.

B

(iii) Name the plateau **C**.

C [3]

(b) Name the **two** main centres of production of surgical instruments at **D** and **E**.

.....

..... [2]

- [1]

..... [1]

- [1]

..... [1]

- [1]

..... [1]

(e) Study Fig. 6, a map of air routes in Pakistan.

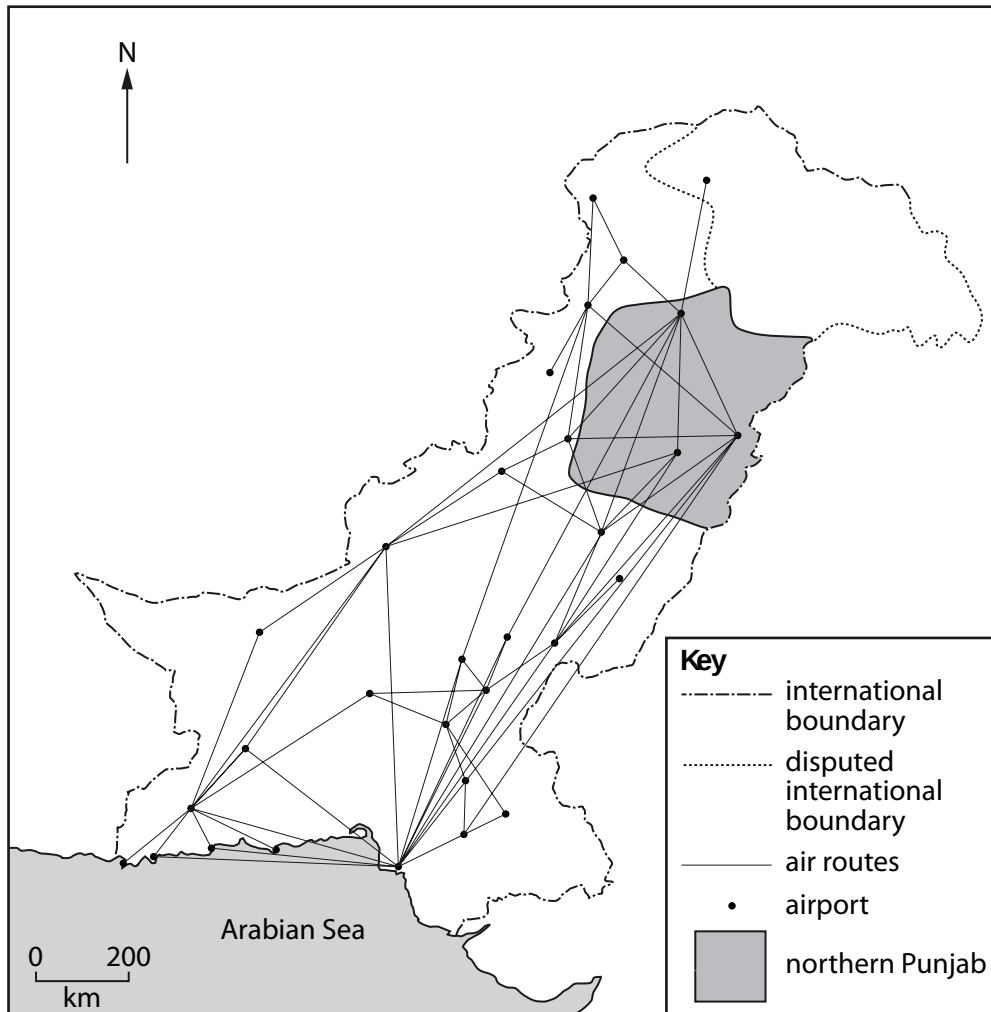


Fig. 6

(i) Name **two** major airports in the northern Punjab shown on the map.

1 2 [2]

(ii) Describe the distribution of air routes from the northern Punjab.

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..... [3]

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www.xtrapapers.com

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4 (a) Study Fig. 7, a pie chart showing the sources of energy supply.

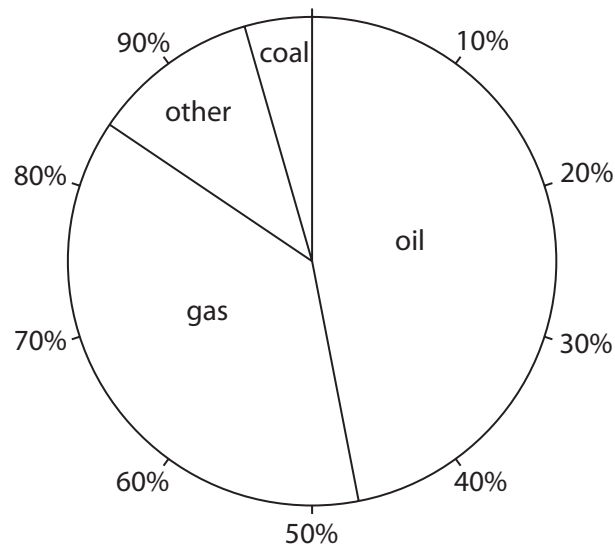


Fig. 7

(i) Name the **two** largest sources of energy.

1 2 [1]

(ii) What percentage of energy comes from oil?

..... [1]

(iii) Name **two** other sources not named on the pie chart.

1 2 [2]

(iv) Why does coal only supply 4% of the energy supply in Pakistan?

.....

 [3]

(b) Study Fig. 8, a map of Pakistan.

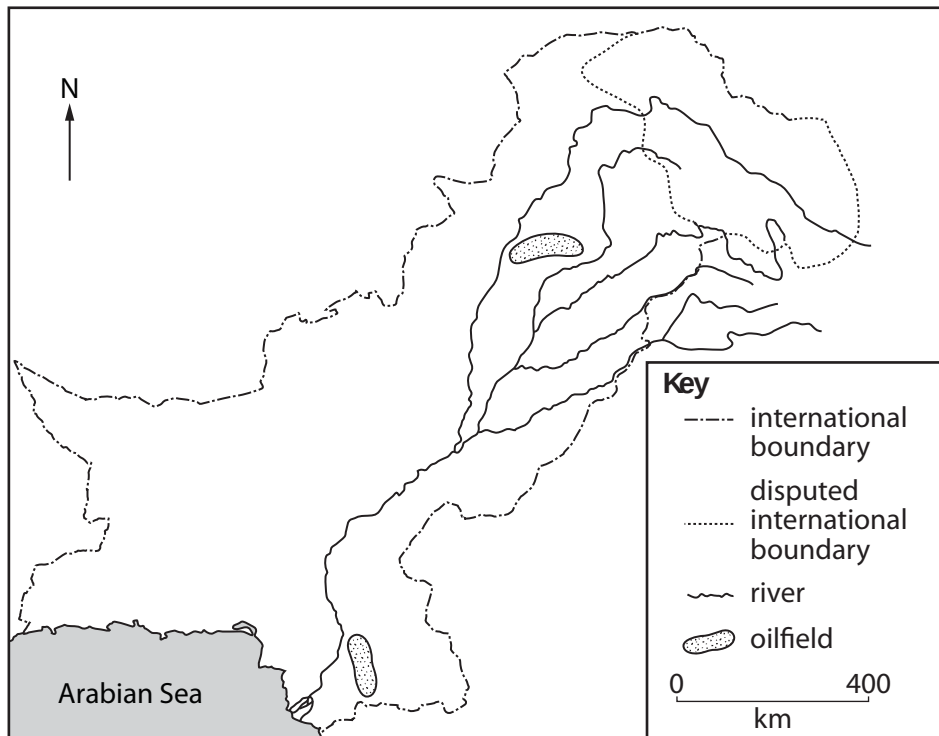


Fig. 8

(i) Describe the location of the **two** main oil fields shown on the map.

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..... [2]

(ii) What is crude oil?

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..... [1]

(iii) Why does Pakistan import most of its oil?

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..... [2]

- (i) With reference to Photograph B, explain why natural gas is an easy fuel to extract.

[3]

- (ii) Study Fig. 9, an advertisement for natural gas.



Fig. 9

Suggest why this advertisement states that natural gas is 'A cheap fuel. Easy to use.'

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..... [4]

(d) Explain the advantages and disadvantages of developing nuclear power.

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..... [6]

[Total: 25]

5 (a) Study Fig. 10, a bar chart showing population change from 1951 to 2001.

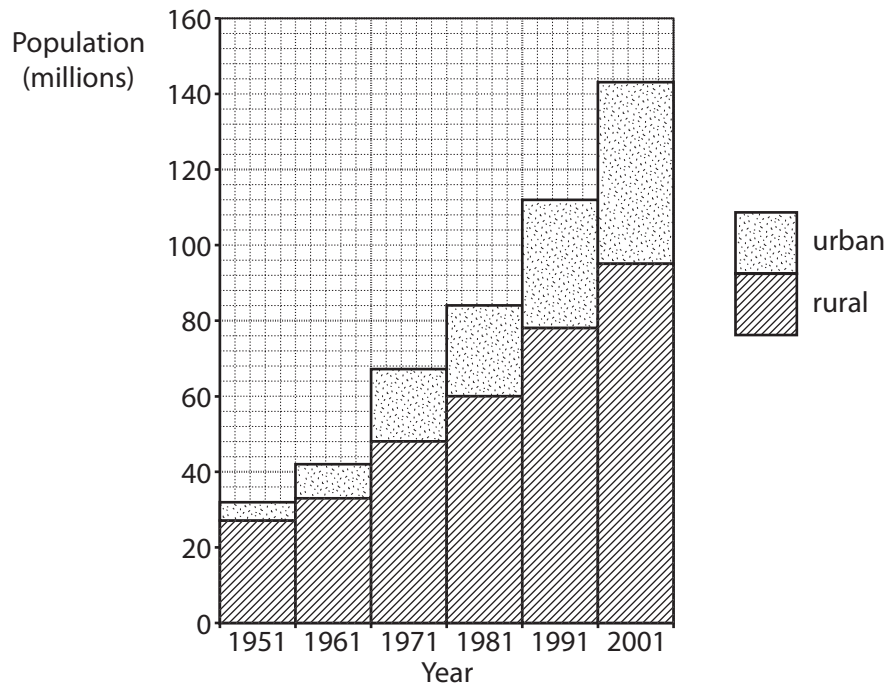


Fig. 10

(i) What was the **total** population in 2001?

..... [1]

(ii) By how much did the total population increase from 1951 to 2001?

..... [1]

(iii) Compare the increase in the urban and rural areas.

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..... [3]

(b) Explain the causes of the population increase in Pakistan since 1991.

[5]

(c) Describe the effects of population growth on the economy and development of Pakistan.

[6]

04.



04.

- 04.

04.

- 04.

04.

- (iii) Suggest why the real number of people unemployed in **rural** areas may be less than the figures recorded.

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..... [3]

[Total: 25]

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