



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS
General Certificate of Education Ordinary Level

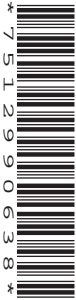
CANDIDATE
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PAKISTAN STUDIES

2059/02

Paper 2 The Environment of Pakistan

October/November 2011

1 hour 30 minutes

Candidates answer on the Question Paper.

No Additional Materials are required.

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name on all the work you hand in.

Write in dark blue or black pen.

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

DO **NOT** WRITE IN ANY BARCODES.

Answer any **three** questions.

The insert contains Photograph A for Question 1 and Photograph B for Question 4.

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 **22** printed pages, **2** blank pages and **1** Insert.



1 (a) Study Photograph A (Insert).

(i) State **three** ways in which the owner has improved the site for fish farming.

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

(ii) Name **two** species of fish reared on fish farms.

- 1
- 2 [2]

(iii) Describe the fishing methods used on a fish farm.

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-
- [3]

(b) Study Fig. 1, which shows fish production in Pakistan.

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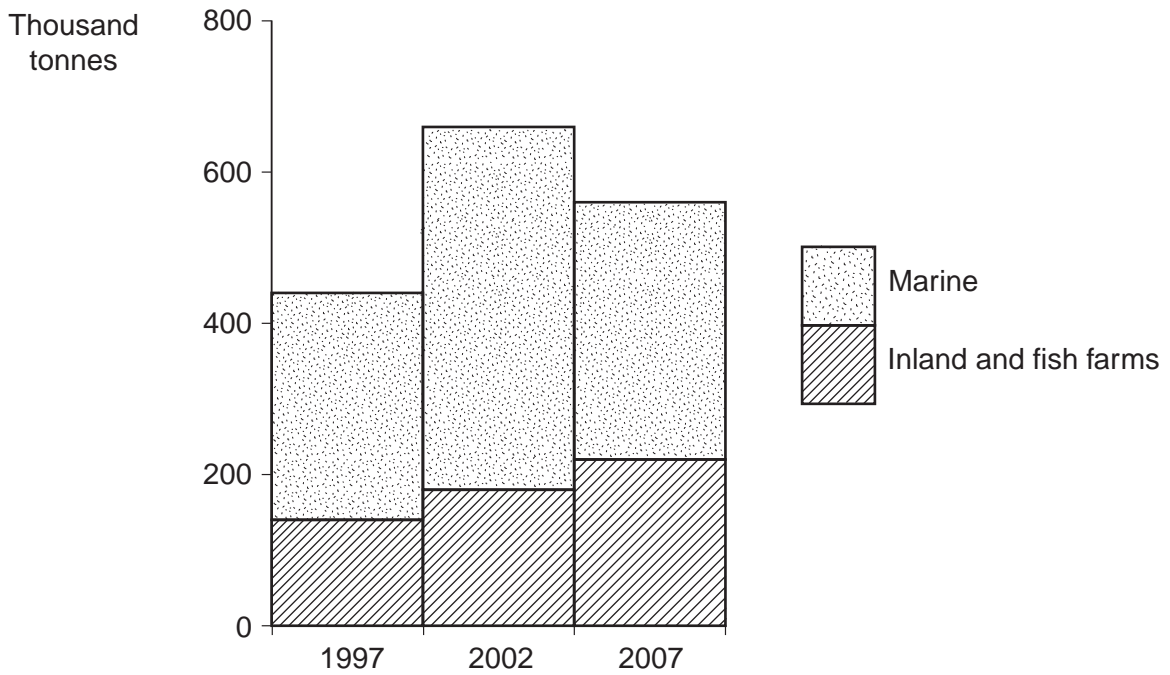


Fig. 1

(i) Which type of fishing increased from 1997 to 2007?

..... [1]

(ii) In which year was marine fish production lowest?

..... [1]

(iii) How did the overall total production change from 1997 to 2007?

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..... [2]

(c) Explain why fishing **and** fish farming are important industries in Pakistan.

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Use*

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..... [4]

(d) (i) State **three** ways in which fish can be stored and processed before sale.

1

2

3 [3]

- (ii) At the present time, most of the fish catch is processed in Karachi. The ports of Balochistan such as Gwadar and Pasni have the potential for development.

For
Examiner's
Use

What are the advantages and disadvantages of developing fish processing industries in the ports of Balochistan?

Advantages

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Disadvantages

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[6]

[Total: 25]

2 (a) Study Fig. 2, which shows cotton growing regions in Pakistan.

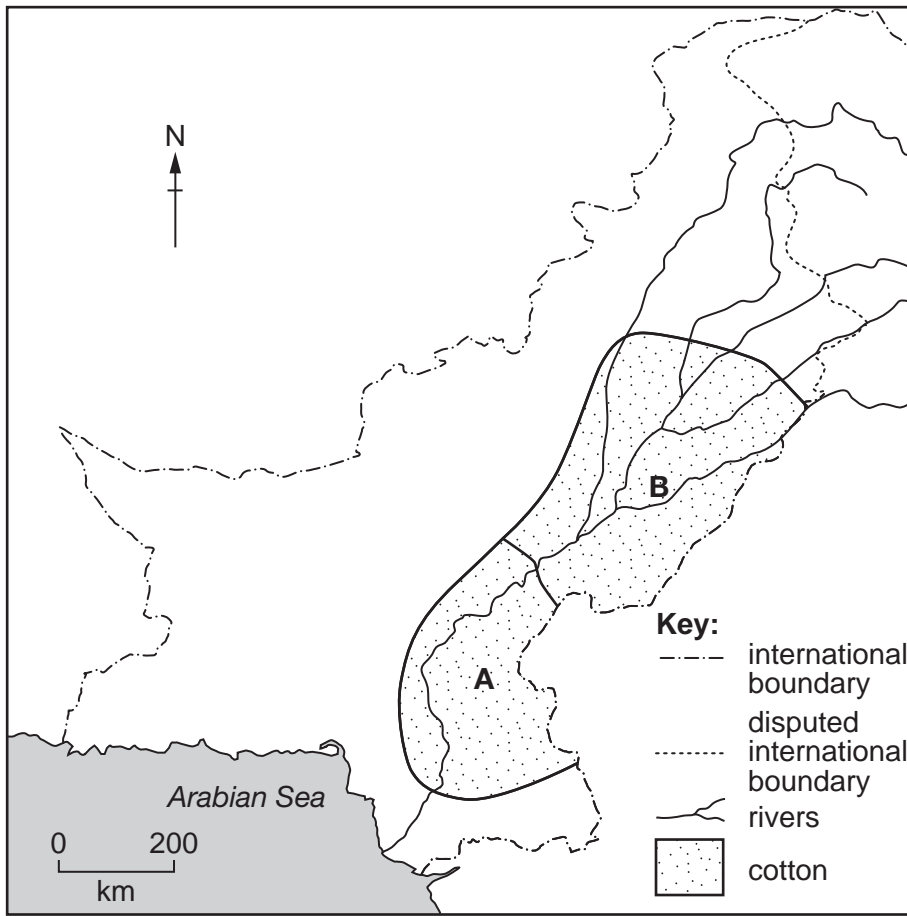


Fig. 2

(i) Name the regions A and B.

A

B [2]

(ii) Why is cotton not grown further north?

.....

.....

.....

..... [2]

(iii) Why is cotton not grown further west?

.....

.....

.....

..... [2]

(b) Study Fig. 3, a graph of cotton farming.

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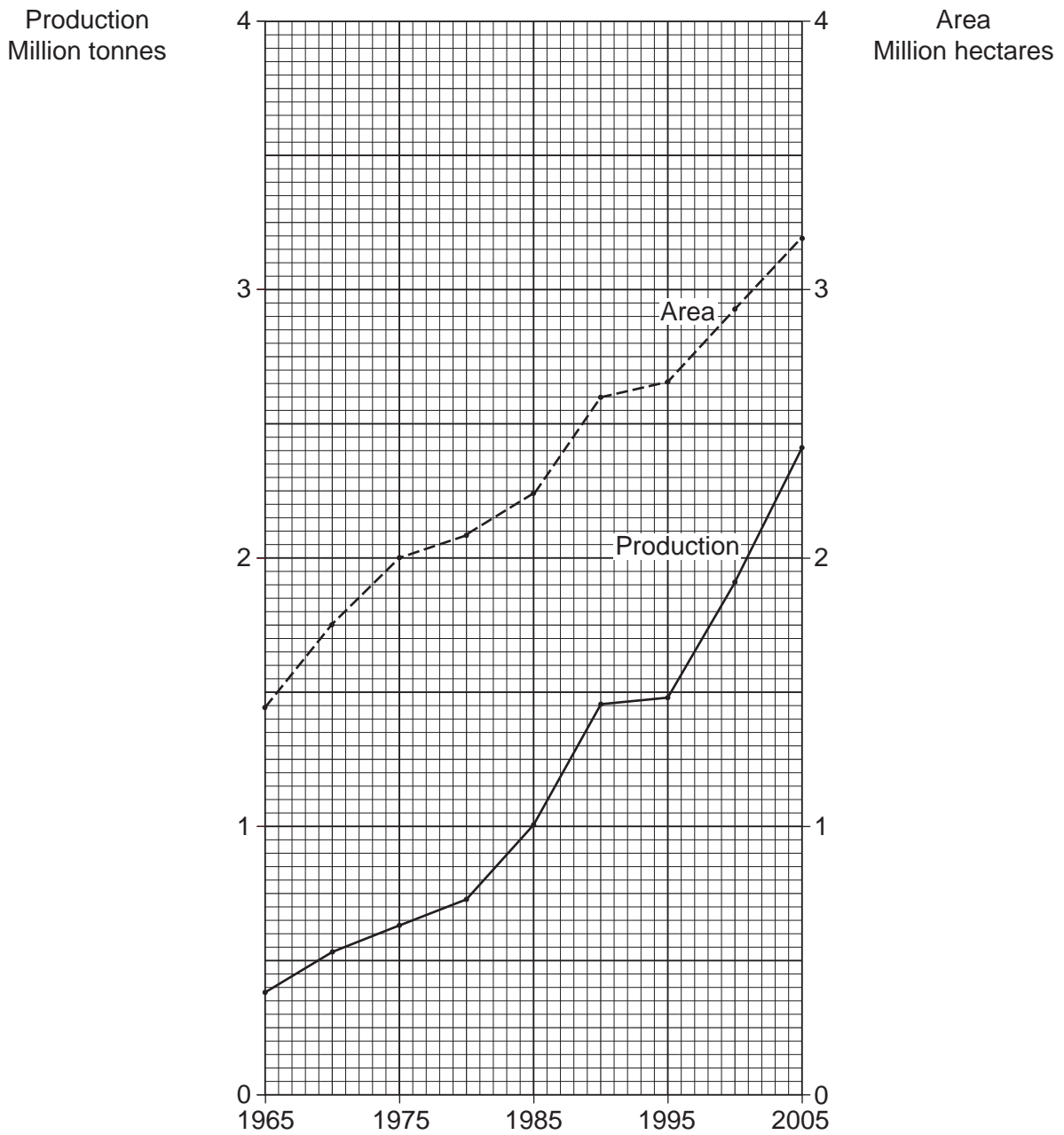


Fig. 3

(i) State the area used to grow cotton in 2005.

..... million hectares [1]

(ii) State the production in 2005.

..... million tonnes [1]

(iii) By how much has the area used to grow cotton increased from 1975 to 2005?

..... million acres [1]

(iv) Which has increased faster, the area used or the cotton production?

.....[1]

(c) (i) Explain **three** factors that have caused the yield of cotton to increase per hectare.

1

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.....

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2

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3

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.....[6]

(ii) Explain why cotton yields vary from year to year.

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.....[3]

(d) What are the advantages and disadvantages of developing the cotton manufacturing industry in Pakistan?

For
Examiner's
Use

Advantages

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Disadvantages

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..... [6]

[Total: 25]

3 (a) Study Fig. 4.

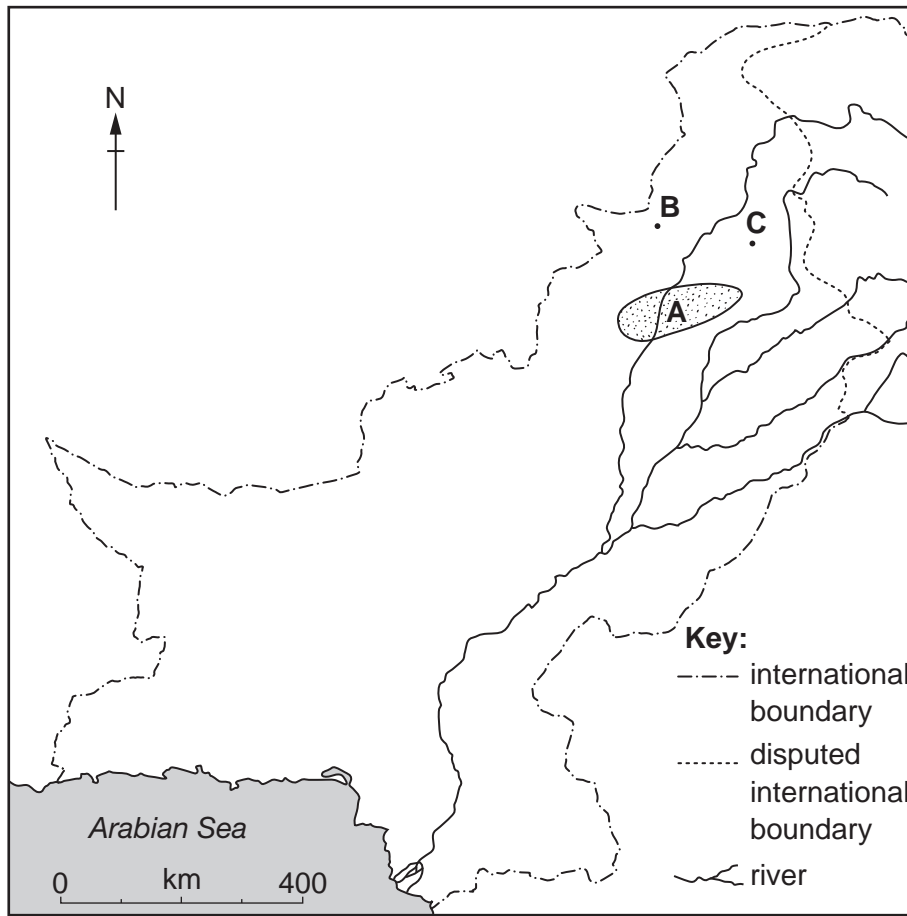


Fig. 4

(i) Name the area **A** which has many mineral resources.

.....[1]

(ii) Name **two** minerals that can be extracted in this area.

1

2[2]

(iii) Name the cities **B** and **C**.

B

C[2]

(b) Study Fig. 5, which shows fertiliser production in Pakistan.

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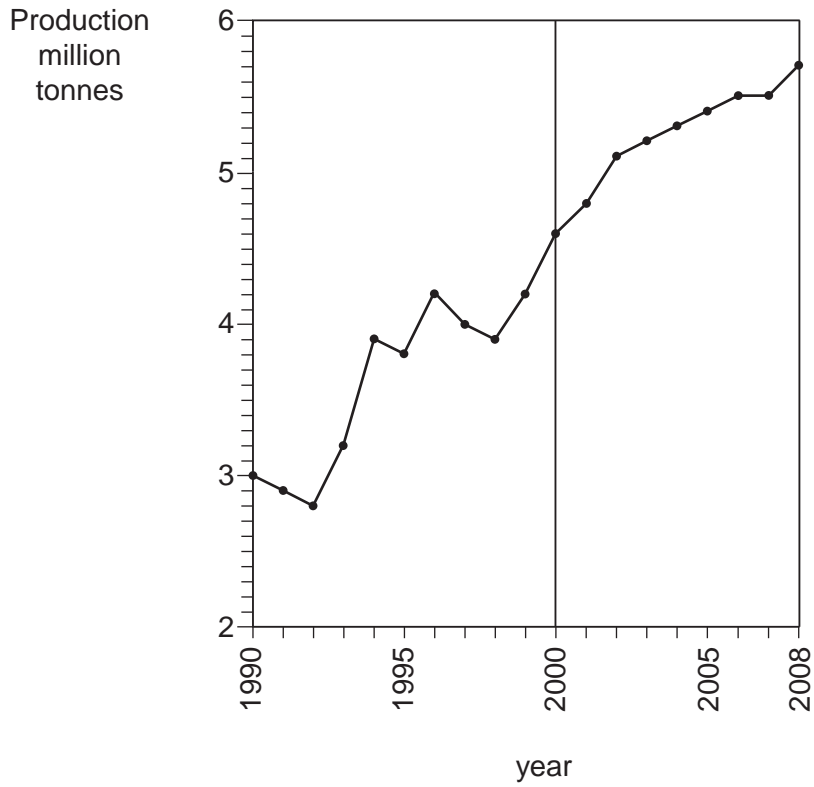


Fig. 5

(i) By how much did fertiliser production increase from 2000 to 2008?

..... million tonnes [1]

(ii) Compare the production from 1990 to 2000 to that from 2000 to 2008.

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..... [3]

(iii) Explain the importance of mechanisation to the craft industry and other small-scale industries of Pakistan.

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(e) The countries of the European Union have a large demand for goods such as clothes and sports goods. Pakistan can produce these goods cheaply.

Explain the advantages and disadvantages of developing a trade agreement with partners in the EU.

Advantages

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Disadvantages

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[Total: 25]

4 (a) Study Photograph B (Insert).

(i) What are the animals shown in the photograph?

..... [1]

(ii) Describe the topography (relief) and vegetation of the area shown in the photograph.

Topography (relief)

.....

.....

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Vegetation

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..... [3]

(iii) Explain why these animals are reared in a nomadic way in arid areas.

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..... [3]

(iv) What are the disadvantages of keeping animals in a nomadic way?

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..... [2]

(v) Suggest an alternative way of keeping these animals.

..... [1]

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(b) Study Fig. 7.

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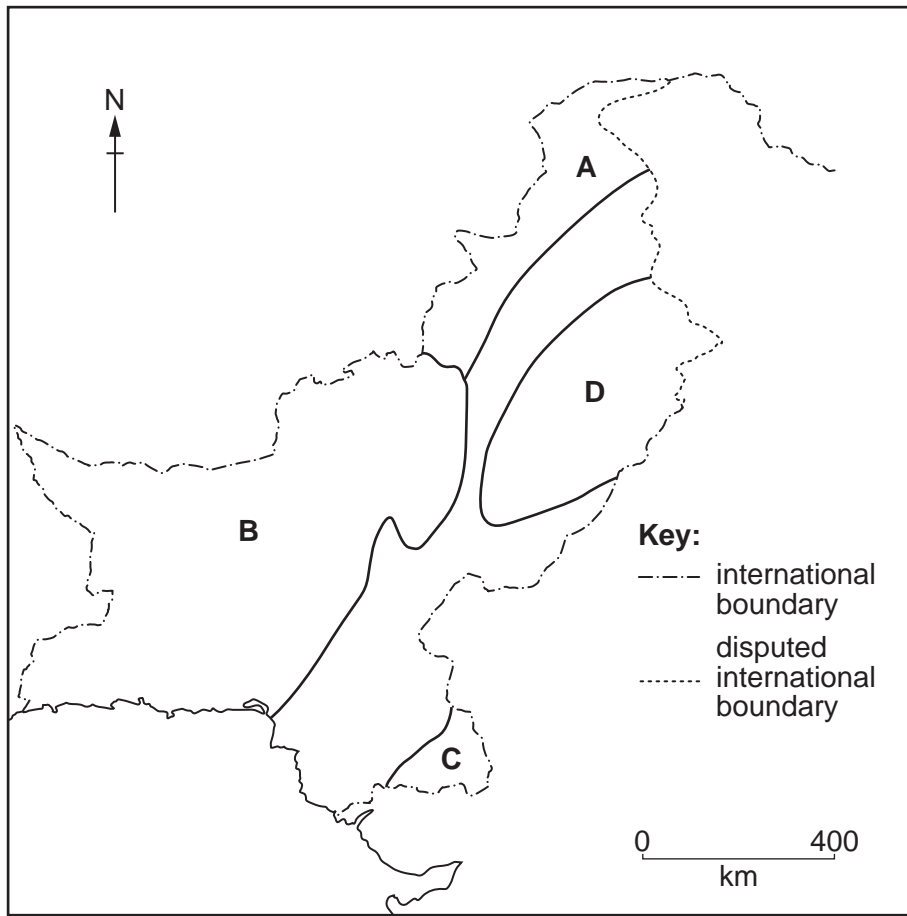


Fig. 7

(i) State **one** important **physical** reason for the **low** density of population in each of these areas:

A

B

C [3]

(ii) **RELIEF** **RAINFALL** **RIVERS**

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Explain how **each** of the three factors above contributes to a **high** density of population in area **D**.

Relief

.....

.....

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Rainfall

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.....

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Rivers

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..... [6]

(c) Choose **either** area **A** or area **B** from Fig. 7.

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It is often suggested that improved transport and telecommunications can bring development to a sparsely populated area.

What are the advantages and disadvantages of these improvements to **either** area **A** or area **B**?

Advantages

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Disadvantages

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[6]

[Total: 25]

5 (a) Study Fig. 8, which shows January temperatures in Pakistan.

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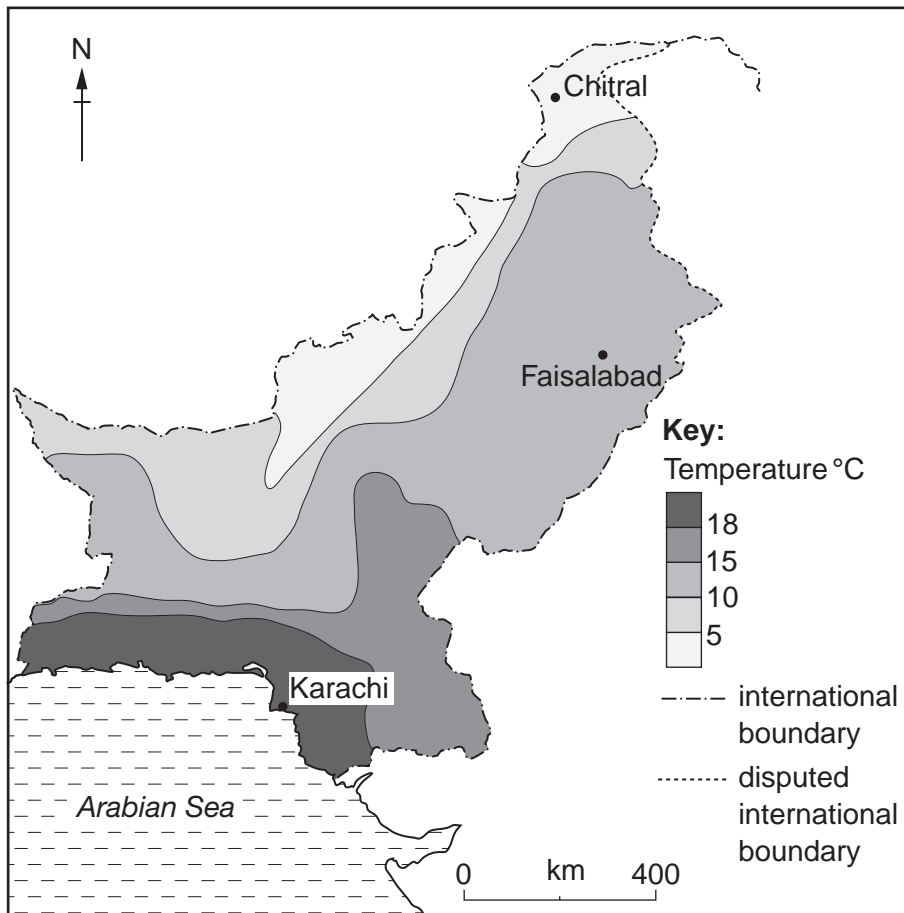


Fig. 8

(i) What is the temperature at:

Karachi? °C

Faisalabad? °C

Chitral? °C [3]

(ii) Do the temperatures increase or decrease:

from south to north?

from east to west? [2]

(iii) Explain **two** factors that affect winter temperatures in Pakistan.

1

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2

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..... [4]

(b) Study Fig. 9, which shows the distribution of monsoon rainfall in Pakistan.

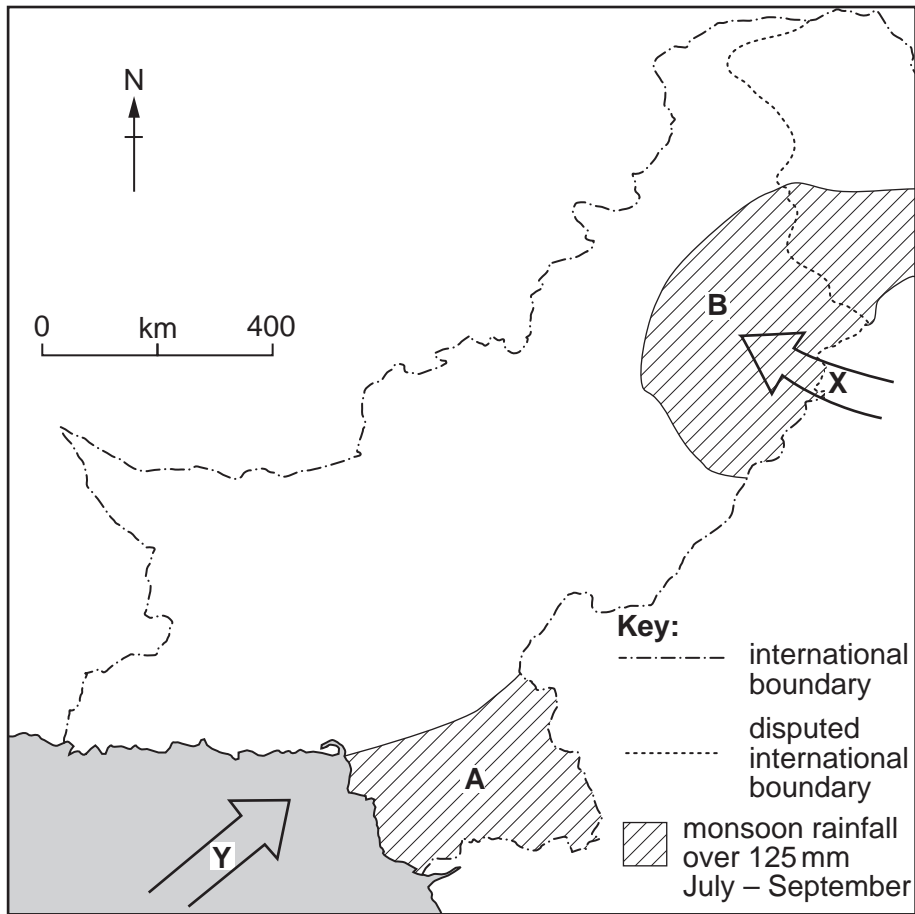


Fig. 9

(i) Name the areas of high rainfall **A** and **B**.

A

B [2]

(ii) Name the body of water that is the source of moisture for each of the monsoon winds **X** and **Y**.

X

Y [2]

(c) Explain why the lack of monsoon rainfall in the Southern Punjab and Northern Sindh causes problems for farmers.

.....

 [6]

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