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PAKISTAN STUDIES

0448/02

Paper 2 The Environment of Pakistan

May/June 2020

1 hour 30 minutes

You must answer on the question paper.

You will need: Insert (enclosed)
Ruler

INSTRUCTIONS

- Answer **three** questions.
- Use a black or dark blue pen.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do **not** write on any bar codes.
- If additional space is needed, you should use the lined page at the end of this booklet; the question number or numbers must be clearly shown.

INFORMATION

- The total mark for this paper is 75.
- The number of marks for each question or part question is shown in brackets [].
- The insert contains additional resources referred to in the questions.

This document has **24** pages. Blank pages are indicated.

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

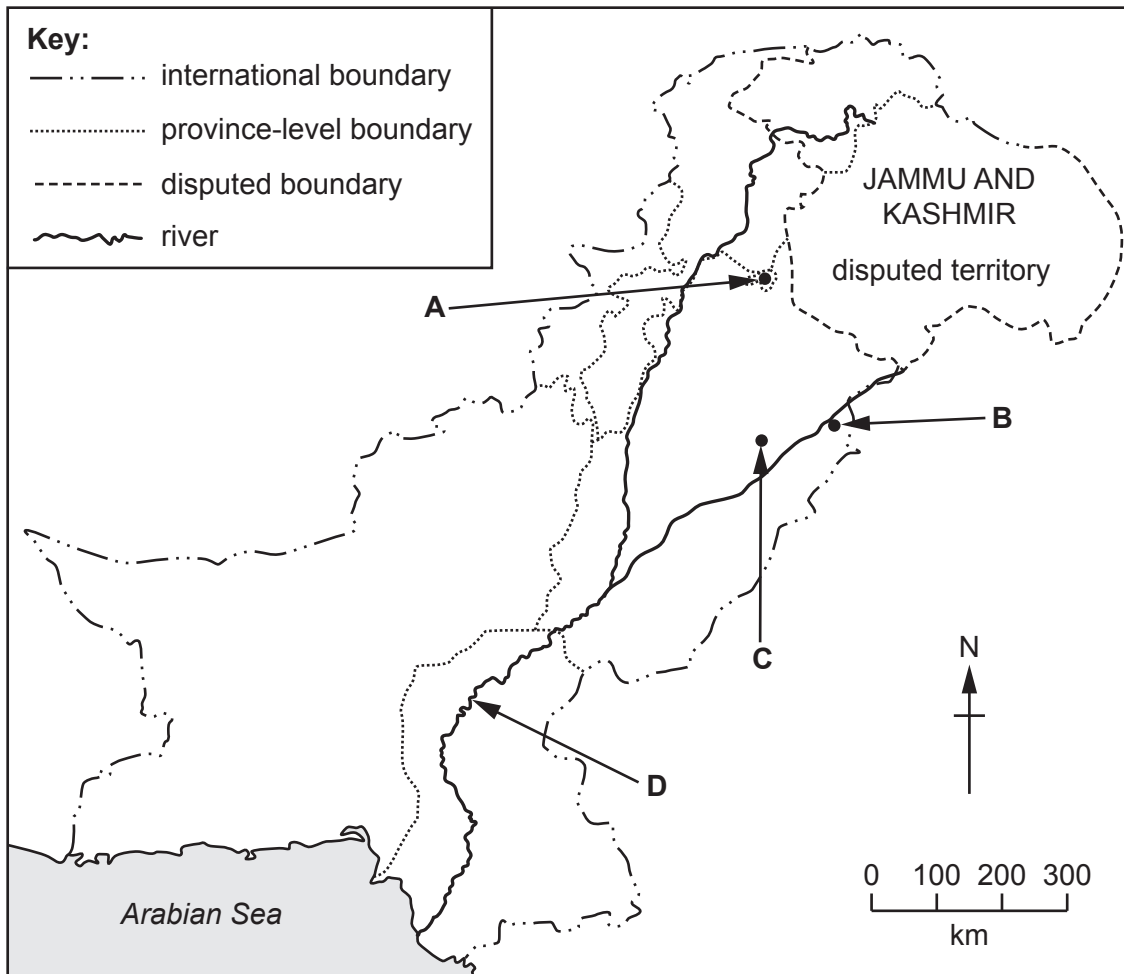


Fig. 1.1

Name the **three** cities labelled **A**, **B** and **C** on Fig. 1.1.

A

B

C

[3]

(ii) Name the river labelled **D** on Fig. 1.1.

D

[1]

(iii) Study Fig. 1.2 (Insert), a map showing the location of a university in Lahore.

Using Fig. 1.2 **only**, describe the location of this university.

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

(iv) Suggest **two** factors that may affect access to university education in Pakistan.

1
.....
2
..... [2]

(b) (i) Define 'small-scale' industry.

.....
.....
..... [2]

(ii) Using Fig. 1.2 (Insert) **only**, suggest **two** advantages of developing a new information technology business area at X.

1
.....
2
..... [2]

(iii) Explain how the following factors can increase economic development in Pakistan. You should develop your answer.

degree-level qualifications

.....

.....

.....

use of telecommunications

.....

.....

.....

[4]

(c) State **two** strategies used by governing authorities to promote industrial growth in Pakistan.

1

2

[2]

2 (a) (i) Study Fig. 2.1, a map of Pakistan.

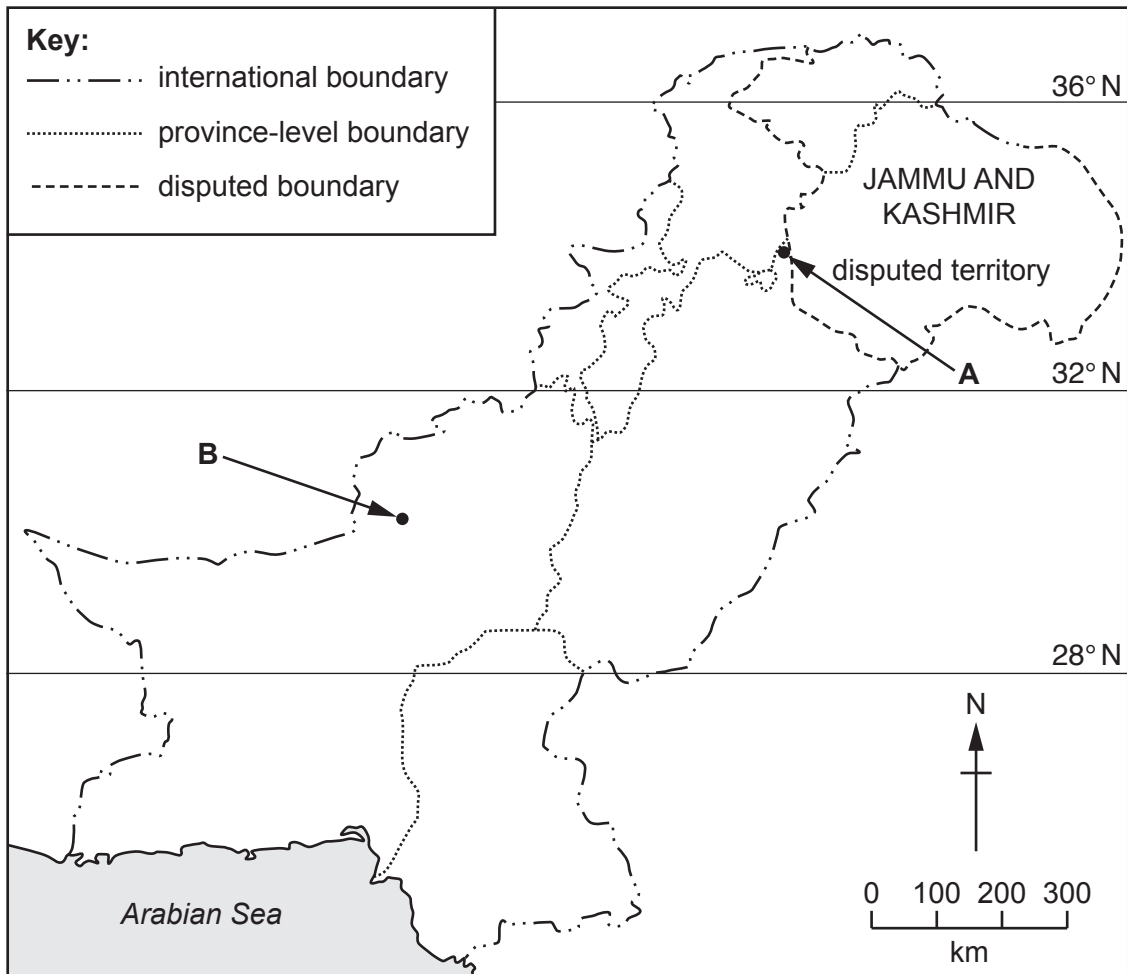


Fig. 2.1

Name the **two** cities labelled **A** and **B** on Fig. 2.1.

A

B

[2]

(ii) Study Fig. 2.2, climate graphs showing rainfall and temperature for cities **A** and **B**.

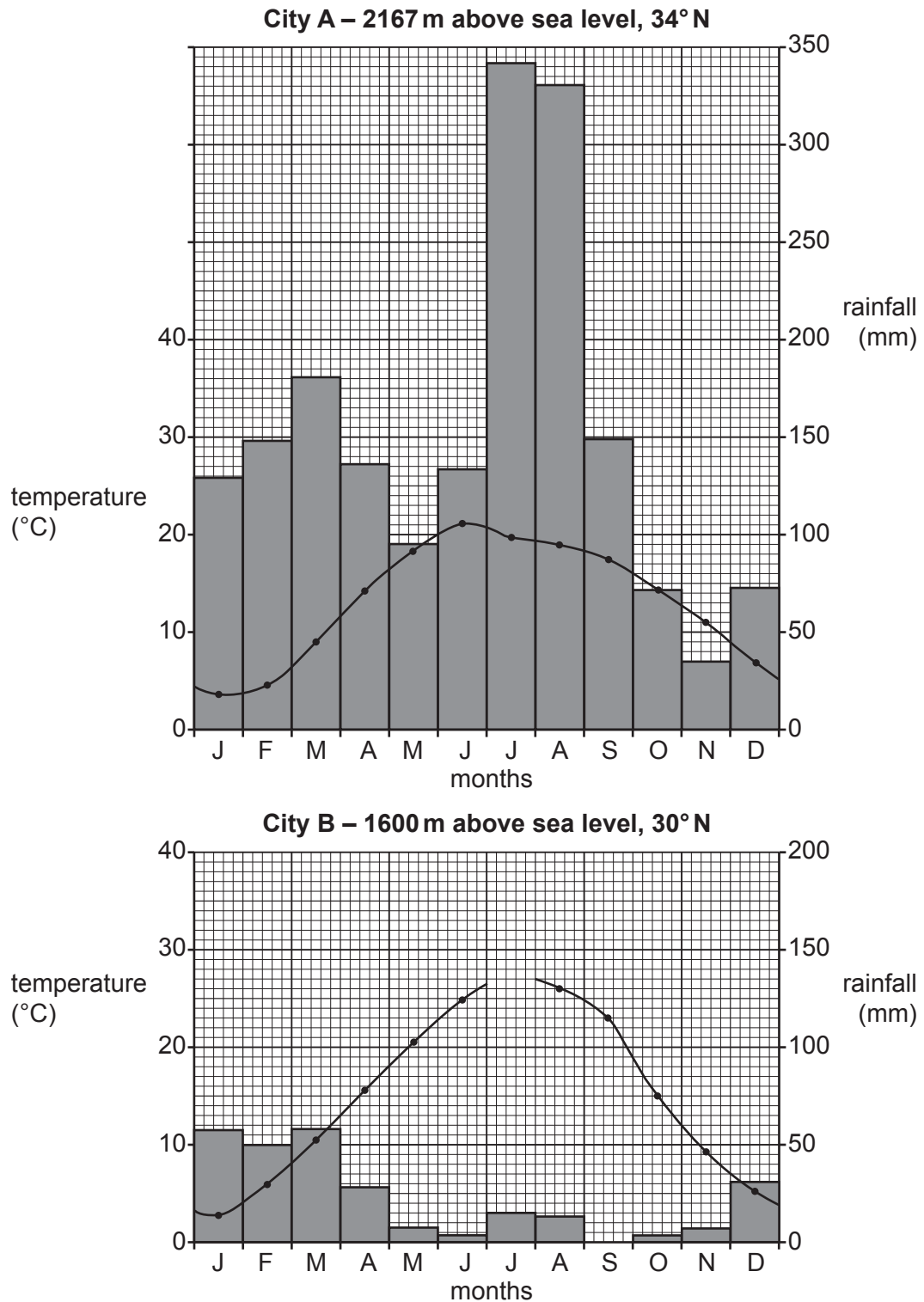


Fig. 2.2

Complete the climate graph for city **B** using the information below.

month	temperature (°C)
July	28

[2]

(iii) Using Fig. 2.2 **only**, compare the rainfall and temperature for city **A** and city **B**.

.....

.....

.....

.....

.....

.....

..... [3]

(b) Explain how the following factors affect temperature in cities **A** and **B**. You should develop your answer.

altitude

.....

.....

.....

latitude

.....

.....

.....

[4]

(c) (i) Which **three** statements about thunderstorms in Pakistan are correct? Tick (✓) **three** boxes below.

Thunderstorms are most likely to occur:	Tick (✓)
during the pre-monsoon season	
during the post-monsoon season	
in northern and north western areas	
in southern and south western areas	
in the summer	
in the winter	

[3]

(ii) Thunderstorms are one source of rainfall. State **three** other sources of rainfall in Pakistan.

1

2

3

[3]

(iii) Other than flooding, describe **two** problems experienced by people as a result of thunderstorms.

.....

.....

.....

..... [2]

3 (a) (i) Study Fig. 3.1, a diagram showing a method of coal extraction.

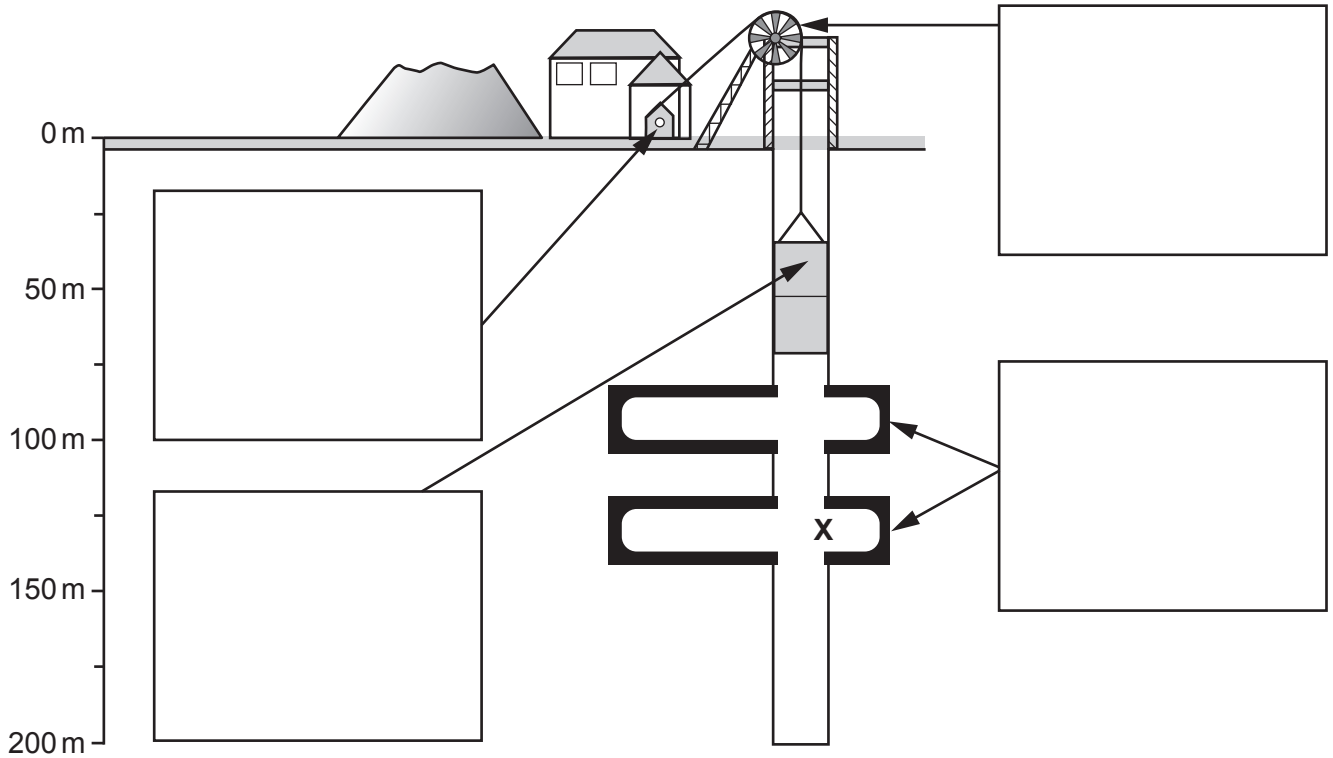


Fig. 3.1

Complete the boxes on Fig. 3.1 by choosing the correct words from the list below.

- cable
- cage
- coal seams
- head frame
- tunnel
- winch
- wheel

[4]

(ii) Using Fig. 3.1, state the depth of the mine at X.

..... m

[1]

(iii) The method of coal extraction shown in Fig. 3.1 is an example of:

- open cast mining
- adit mining
- shaft mining

Circle the correct answer.

[1]

(b) (i) Name **two** types of coal found in Pakistan and describe the characteristics of each.

type

characteristics

.....

.....

type

characteristics

.....

.....

[4]

(ii) State **one** major use of coal in Pakistan.

.....

[1]

(c) (i) Study Fig. 3.2 (Insert), a diagram showing a hydel power station. Using Fig. 3.2 **only**, describe how electricity can be generated using this method.

.....

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.....

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.....

[4]

(ii) Explain **two** benefits of generating electricity using hydel power. You should develop your answer.

.....

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..... [4]

4 (a) (i) Study Fig. 4.1, a map showing the areas where three different types of fruit are grown in Pakistan.

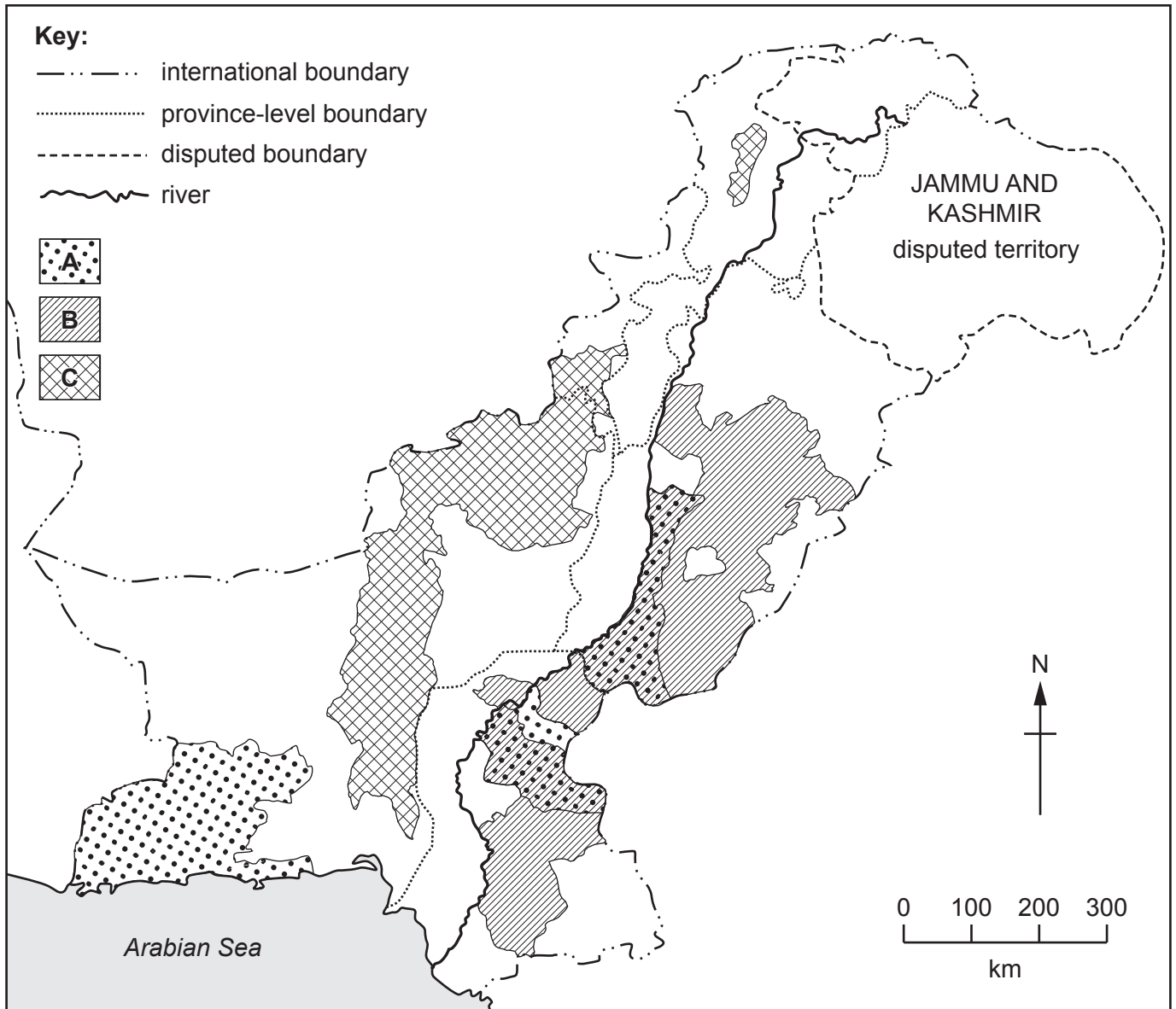


Fig. 4.1

Complete the key with the name of fruits A, B and C below.

Key:

A	
B	
C	

[3]

(ii) Using Fig. 4.1 **only** describe the distribution of the areas where fruit **A** is grown.

.....

.....

.....

.....

.....

.....

..... [3]

(iii) Using Fig. 4.1 **only**, state **two** differences between the location of the areas where fruits **B** and **C** are grown.

1

.....

2

..... [2]

(b) Explain the ideal natural growing conditions needed to grow bananas in Pakistan. You should develop your answer.

.....

.....

.....

.....

.....

.....

.....

.....

..... [4]

(c) (i) Define 'subsistence farming'.

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

(ii) State **two** human and **two** natural inputs for subsistence rice farming.

human inputs	natural inputs

[4]

(iii) Suggest **two** disadvantages of subsistence farming.

1

.....

2

.....

[2]

5 (a) (i) Study Fig. 5.1, a population pyramid showing the projected population structure for Pakistan in 2040.

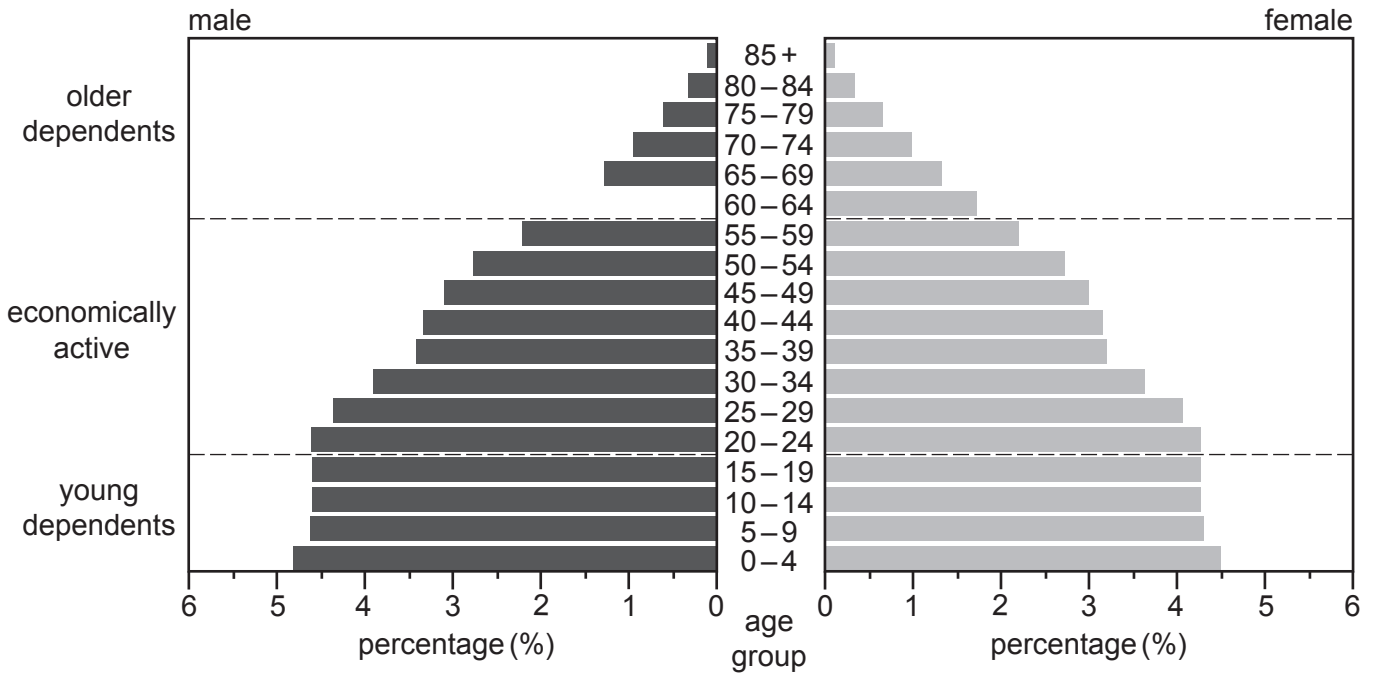


Fig 5.1

Complete the population pyramid using the information below:

males	
age 60-64	1.7%

[1]

(ii) Using Fig. 5.1, calculate the percentage of female young dependents in Pakistan.

Circle the correct answer.

- 13.1% 17.4% 18.6% 36.0%

[1]

(iii) Describe the projected population structure for Pakistan in 2040 using Fig. 5.1 only.

.....

.....

.....

.....

.....

.....

..... [3]

(iv) Explain how population data can be used to plan for the future in Pakistan. You should develop your answer.

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

(b) (i) Suggest **three** benefits of a youthful population for Pakistan.

1
.....
2
.....
3
..... [3]

(ii) State **four** ways that a low and steady birth rate can be achieved in Pakistan.

1
2
3
4 [4]

- (c) (i) **Complete** the sentence below about overpopulation. Put the correct words in the spaces provided.

There is overpopulation when there are people and
..... resources to support a satisfactory quality of life.

too few

too many

[1]

- (ii) Describe **two** impacts of overpopulation.

.....

.....

.....

..... [2]

