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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.

This figure has been removed. It showed an outline map of Pakistan. There are 4 located dots with arrows labelled A (Islamabad), B (Lahore), C (Faisalabad) and D (River Indus).

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.

This figure has been removed. It showed an outline map of Pakistan and three lines of latitude: 28°N, 32°N and 36°N. There are two located dots with arrows labelled A (Muree) and B (Quetta).

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**.

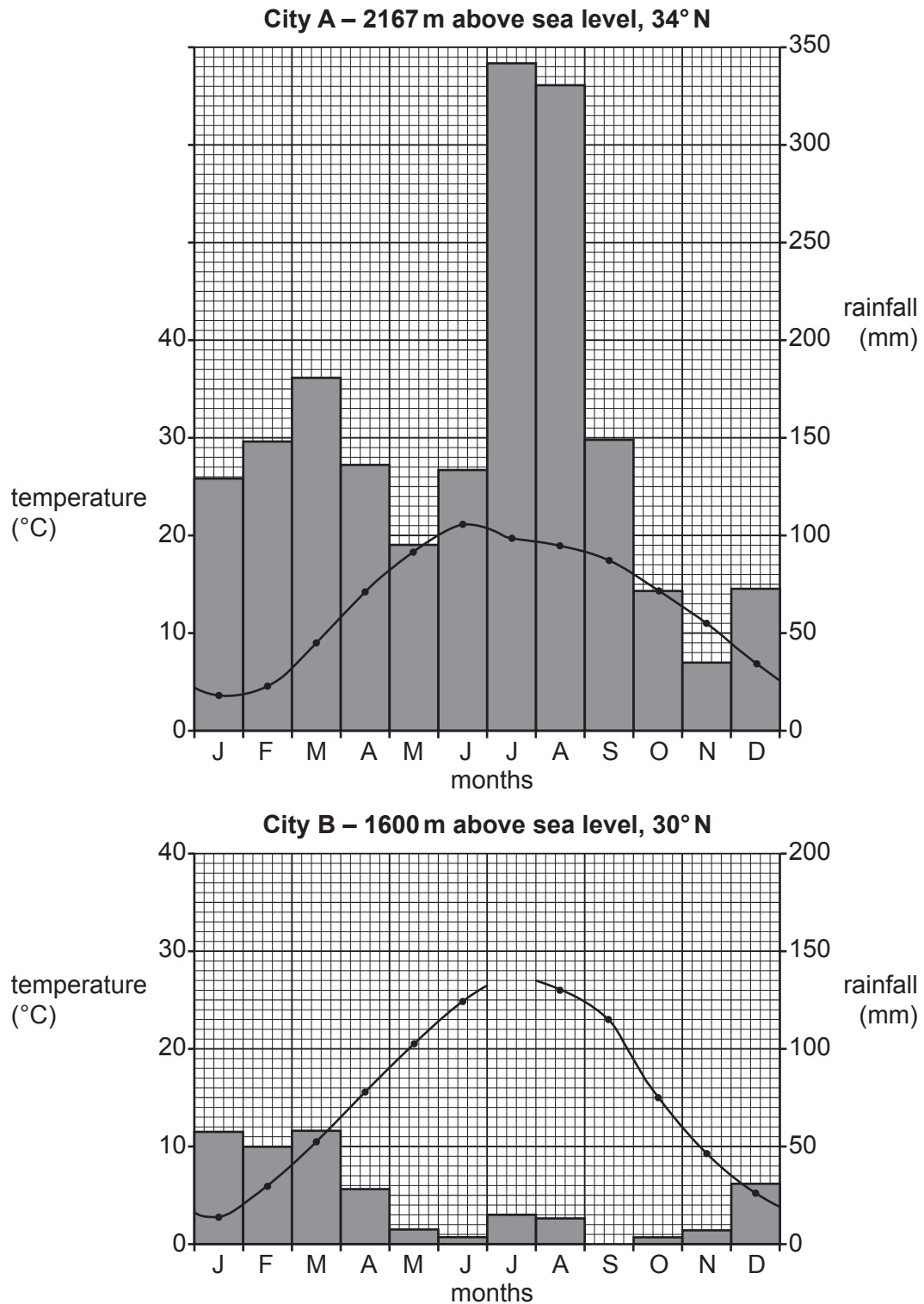


Fig. 2.2

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.

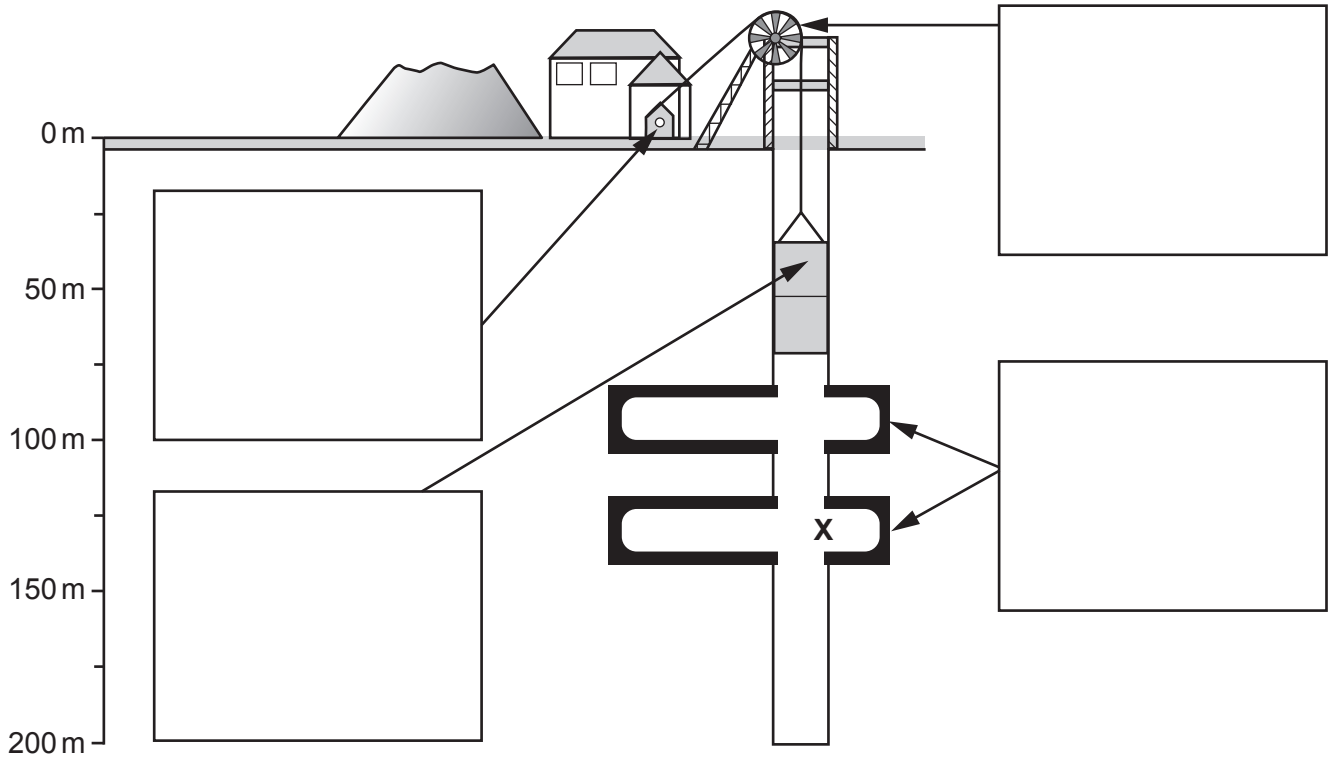


Fig. 3.1

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.

.....

.....

.....

.....

.....

.....

.....

.....

[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.

This figure has been removed. It showed an outline map of Pakistan. There are several areas of shading to show where three different fruits are grown. Fruit A (date) is shown by dot shading, fruit B (mango) is shown by diagonal shading and fruit C (apricot) is shown by criss-cross shading.

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]

(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]

