



## Cambridge O Level

CANDIDATE  
NAME

CENTRE  
NUMBER

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NUMBER

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**PAKISTAN STUDIES**

**2059/02**

Paper 2 The Environment of Pakistan

**October/November 2023**

**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 **20** pages.

1 (a) (i) Study Fig. 1.1, a map showing southern Pakistan and surrounding countries.

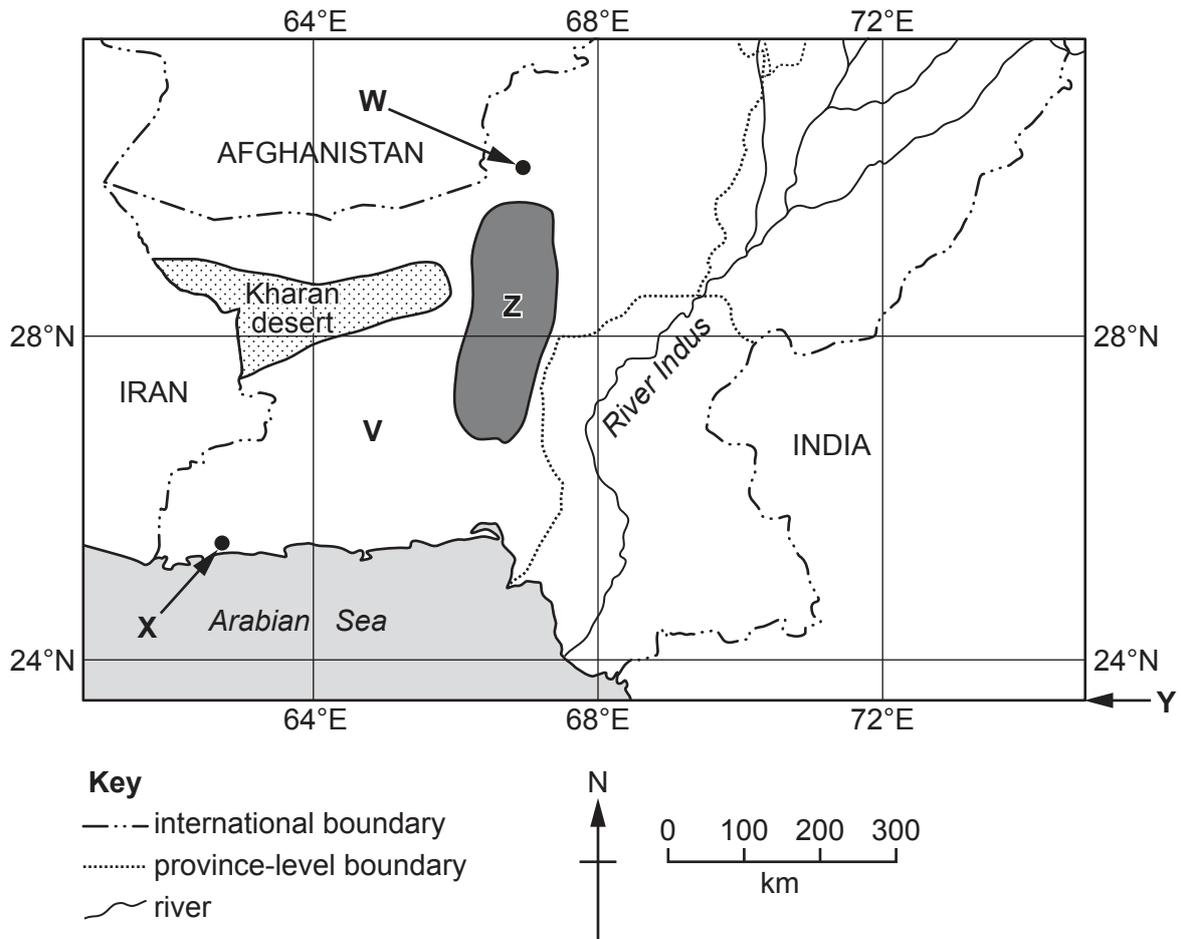


Fig. 1.1

Name the province labelled **V** and the **two** cities labelled **W** and **X** on Fig. 1.1.

**V** .....

**W** .....

**X** .....

[3]

(ii) Using Fig. 1.1 **only**:

– state the straight-line distance between city **X** and city **W**.

..... km

– state the direction of city **X** from city **W**.

.....

[2]

(iii) Identify the line of latitude labelled **Y** on Fig. 1.1.

**Y** .....

[1]

(iv) Using Fig. 1.1 **only**, describe the location of the mountains labelled Z.

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

(b) (i) Define and give an example of 'natural topography'.

definition .....

.....

example .....

[2]

(ii) Explain **two** ways deserts restrict agricultural activities in Pakistan. You should develop your answer.

1 .....

.....

.....

.....

.....

2 .....

.....

.....

.....

[4]

(c) Suggest **four** ways, other than agriculture, that deserts can be used by people.

1 .....

.....

2 .....

.....

3 .....

.....

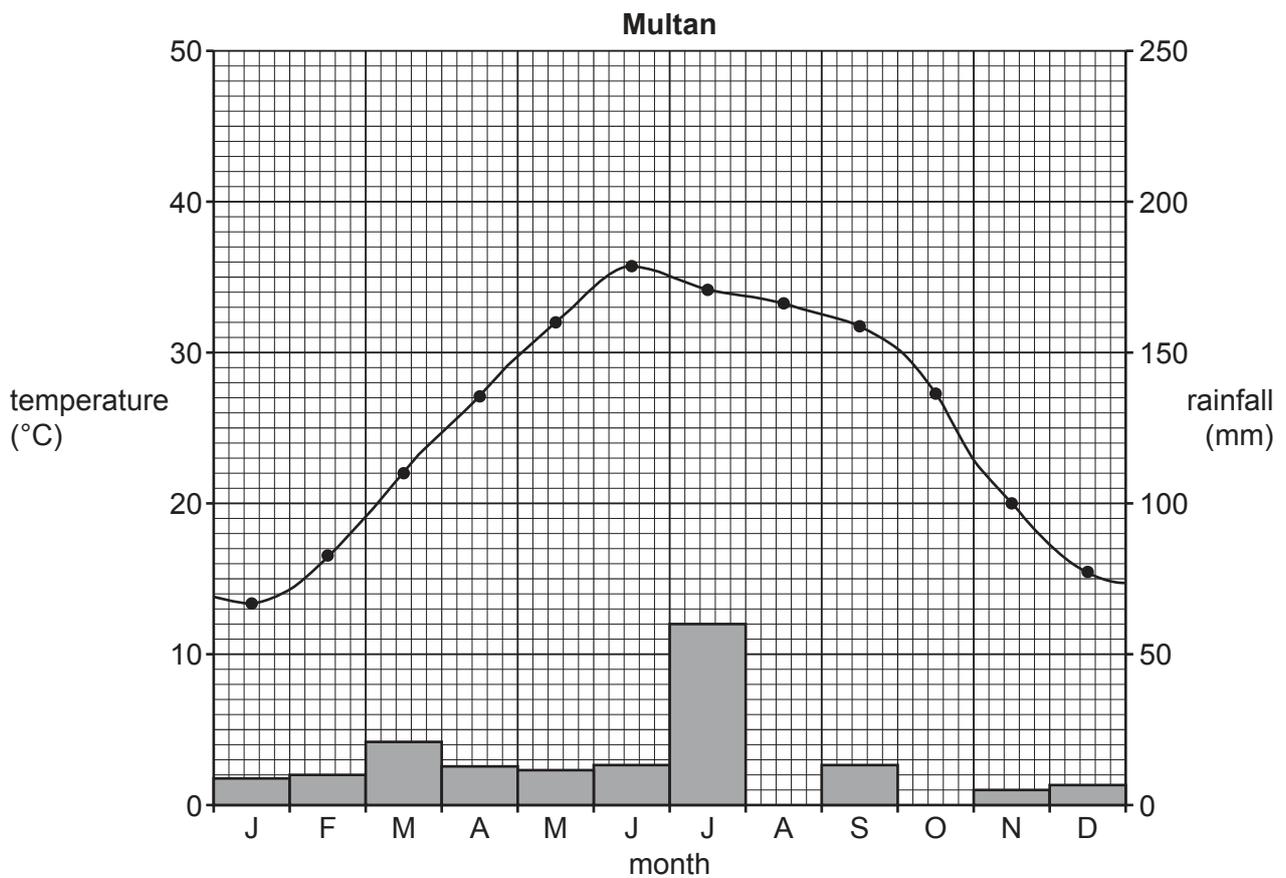
4 .....

.....

[4]



- 2 (a) (i) Study Fig. 2.1 and Fig. 2.2, climate graphs showing rainfall and temperature for Multan and Lahore.



**Fig. 2.1**



(iii) What type of climate region does Fig. 2.2 show? Suggest **one** reason for your answer.

climate region .....

reason .....

..... [2]

(b) (i) State **three** factors that affect temperature in Pakistan.

1 .....

2 .....

3 .....

[3]

(ii) Describe the distribution of convectional rainfall and monsoon rainfall across Pakistan.

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

(iii) Explain the causes of the monsoon in Pakistan. You should develop your answer.

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



- 3 (a) (i) Study Fig. 3.1 (Insert), a map showing natural vegetation types found in southern Pakistan.

Using Fig. 3.1 **only**, describe the distribution of riverain forest / bela.

.....

.....

.....

.....

.....

..... [3]

- (ii) Study Fig. 3.2 (Insert), a photograph showing a type of vegetation found in Pakistan.

Identify the type of vegetation shown in the photograph. **Circle** the correct answer.

evergreen forest      mangrove      tropical thorn / rakh      [1]

- (iii) Using Fig. 3.2 (Insert) **only**, describe **two** characteristics of the type of vegetation shown.

1 .....

.....

2 .....

..... [2]

- (b) (i) Barrages have been built on many rivers. Name **two** barrages in Pakistan.

1 .....

2 .....

[2]

- (ii) Suggest how barrages can be useful to farmers.

.....

.....

.....

.....

..... [3]

(c) (i) Name **two** types of fish caught in each of Pakistan's marine waters and inland waters.

marine waters	inland waters
1	1
2	2

[2]

(ii) Fish are used for food. State **two** other uses of fish.

1 .....

2 .....

[2]

(iii) Explain **two** improvements made in fish processing techniques in Pakistan. You should develop your answer.

1 .....

.....

.....

.....

2 .....

.....

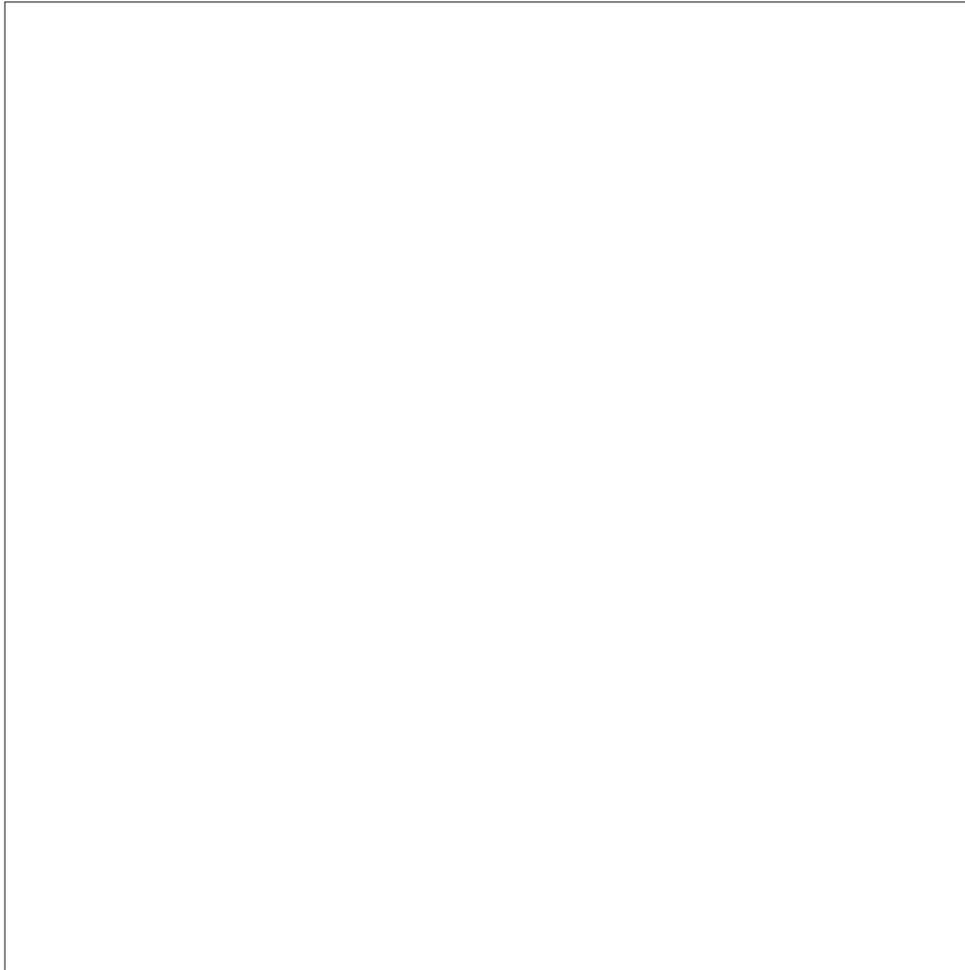
.....

.....

[4]



4 (a) (i) Draw a labelled diagram to show how natural gas is extracted.



[4]

(ii) State **one** way natural gas is transported in Pakistan.

..... [1]

(iii) In 2020 Pakistan had approximately 19 000 000 MMcf of gas reserves and gas consumption was 1 600 000 MMcf per year.

MMcf = million cubic feet.

**Calculate** how many years of gas reserves Pakistan had at the rate of consumption in 2020. Show your working in the box below.



[2]

(b) Study Fig. 4.1, a diagram showing three types of renewable energy.

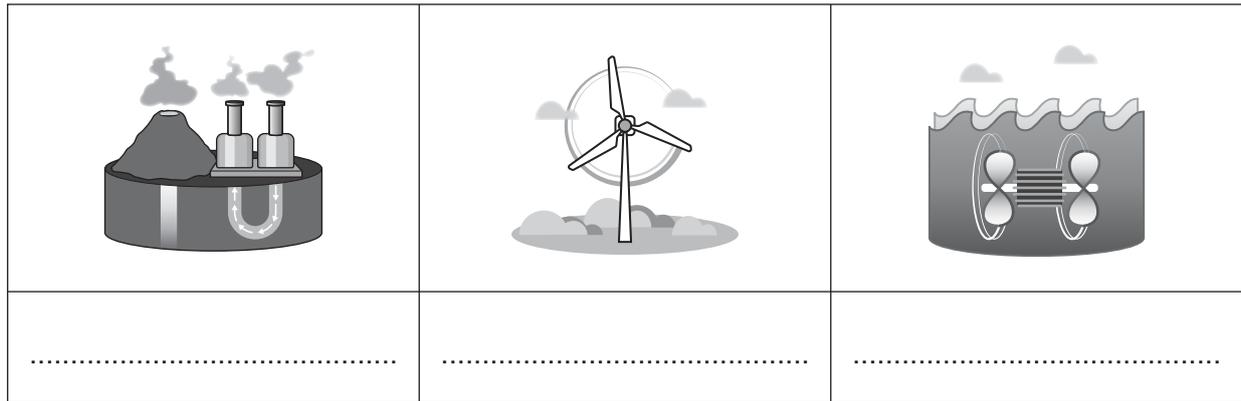


Fig. 4.1

**Complete** the boxes in Fig. 4.1 by naming each type of renewable energy.

[3]

(c) (i) Study Fig. 4.2 (Insert), a photograph showing a solar farm in Pakistan.

Using Fig. 4.2 **only**, describe the features of the solar farm shown.

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

(ii) Explain how electricity can be generated from solar power. You should develop your answer.

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

(iii) State **two** disadvantages of using solar power as a method of generating electricity.

1 .....

2 .....

..... [2]



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

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

(ii) State **two** job types found in the formal sector and the informal sector of the tourism industry.

formal sector	informal sector
1	1
2	2

[4]

(iii) Describe **two** disadvantages of working in the informal sector.

1 .....

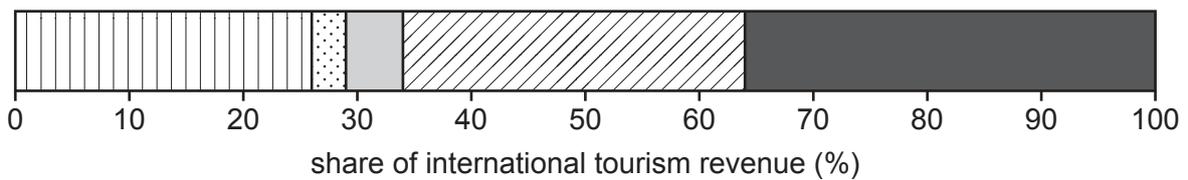
.....

2 .....

.....

[2]

(b) Study Fig. 5.1, a divided bar graph showing the international tourism revenue for different world regions in 2017 as a percentage of the world total.



**Key**

Americas
  Africa
  Middle East
  Asia-Pacific
  Europe

**Fig. 5.1**

Using Fig. 5.1 **only**:

– which region had the highest percentage of the world total?

.....

– which region accounted for 3% of the world total?

.....

– what percentage of the world total was accounted for by the Asia-Pacific region?

.....%

[3]

(c) (i) Study Fig. 5.2 (Insert), a photograph showing a tourist attraction in Pakistan.

Describe **two** attractions to tourists of the area shown.

1 .....

.....

2 .....

.....

[2]

(ii) Name and describe **three** cultural attractions of Pakistan.

1 .....

.....

2 .....

.....

3 .....

.....

[3]

(iii) Explain the importance of television and the internet to Pakistan’s tourist industry. You should develop your answer.

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.....

[4]



