

CANDIDATE  
NAME

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**PAKISTAN STUDIES**

**2059/02**

Paper 2 The Environment of Pakistan

**October/November 2014**

**1 hour 30 minutes**

Candidates answer on the Question Paper.

**READ THESE INSTRUCTIONS FIRST**

Write your name, Centre number and candidate number in the spaces provided.

Write in dark blue or black pen.

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

**DO NOT WRITE IN ANY BARCODES.**

Answer any **three** questions.

The Insert contains Photograph A for Question 1.

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 **18** printed pages, **2** blank pages and **1** insert.

1 (a) Study Fig. 1 which shows a map of Pakistan.

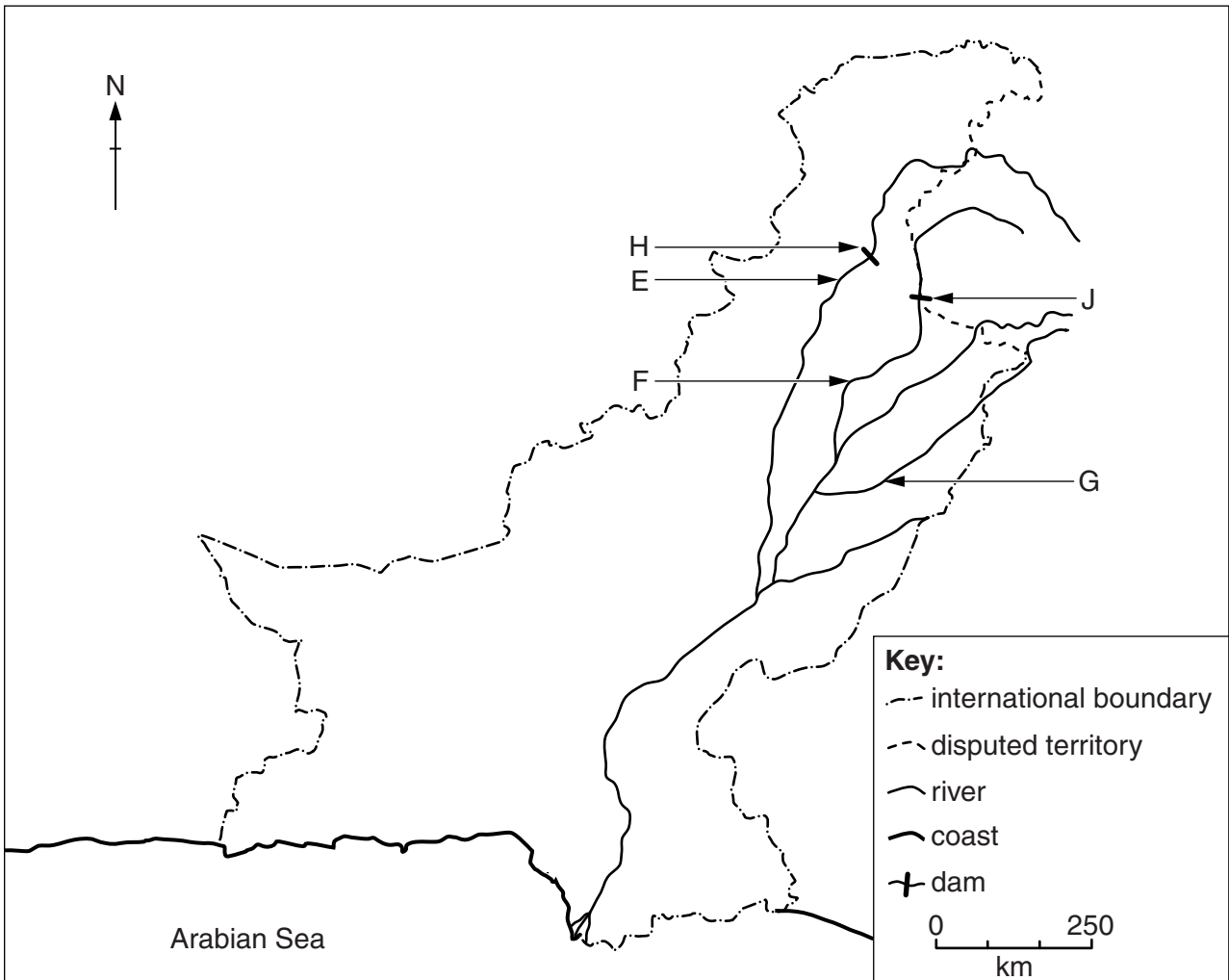


Fig. 1

Name:

(i) The rivers

E .....

F .....

G .....

[3]

(ii) One of the dams

H .....

or

J .....

[1]

(b) What is meant by

- A a link canal .....  
.....
- B a perennial canal .....  
.....
- C an inundation canal? .....  
.....[3]

(c) Explain the importance of the Indus Water Treaty to Pakistan.

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.....[4]

(d) Study Photograph A.

(i) Name the type of forest shown.

..... [1]

(ii) Suggest **three** reasons why these forests are being cut down.

1 .....

2 .....

3 ..... [3]

(iii) Explain the effects of this deforestation.

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..... [4]



2 (a) Explain what is meant by **each** of the following terms, and choose **one** example of each from the given list.

A raw material .....

.....

example .....

B waste material .....

.....

example .....

C value added material .....

.....

example .....

COAL

COKE

STEEL

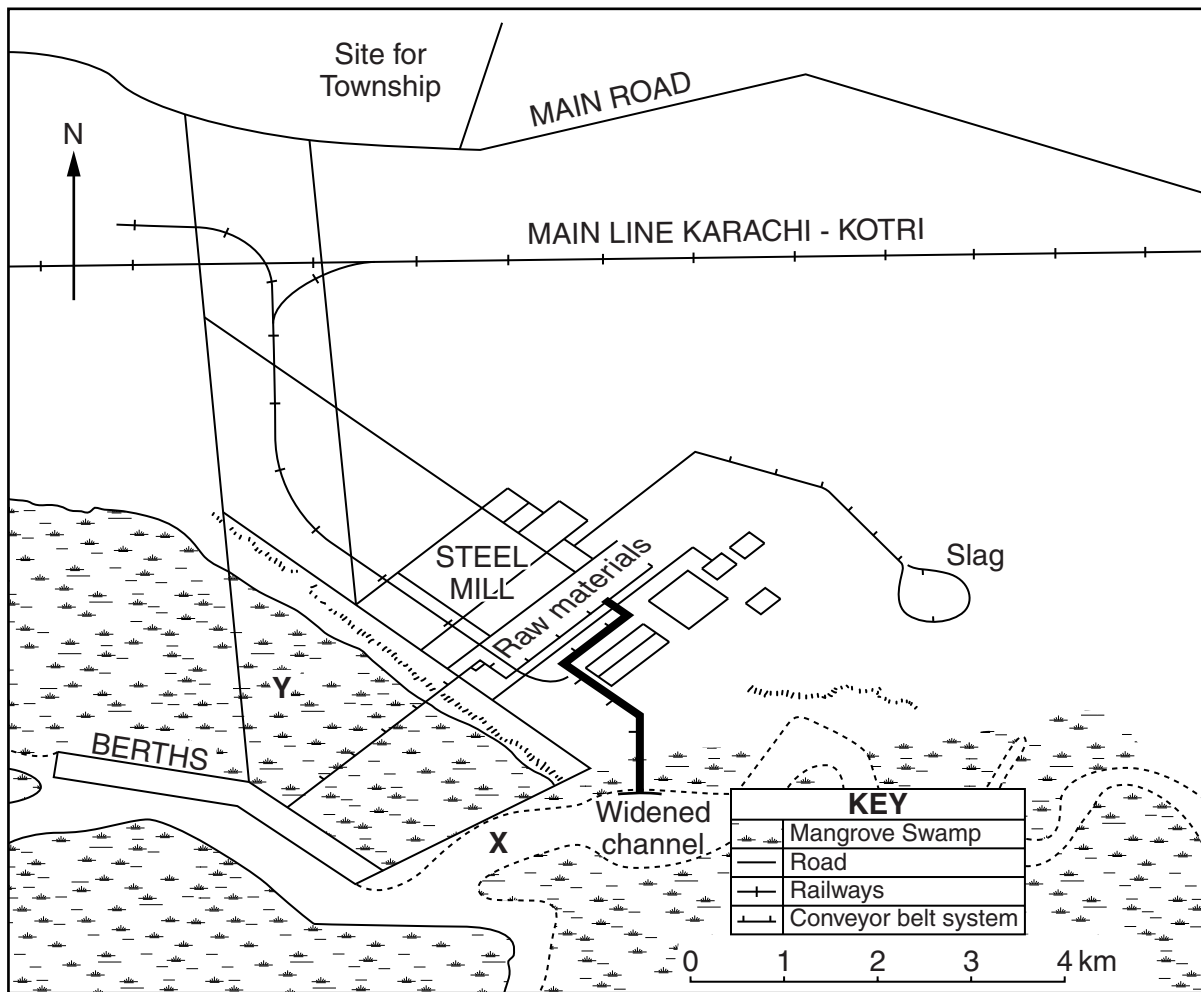
SLAG

LIMESTONE

CO<sub>2</sub>

[6]

(b) Study Fig. 2, a map of the site of the Pakistan Steel Mills.



**Fig. 2**

(i) Name the creek X and the port Y.

X .....

Y .....

[2]

(ii) Name the sea to the south where ships can travel to the steel mills.

.....

[1]

(iii) Using Fig. 2 and your own knowledge, state **three** factors that make this site suitable for the development of the Pakistan Steel Mills. Explain **one** advantage that **each** factor gives to this industry.

Factor 1 .....

Advantage .....

.....

Factor 2 .....

Advantage .....

.....

Factor 3 .....

Advantage .....

.....[6]

(c) Explain why the Pakistan Steel Mills is an industry in the 'formal sector'.

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.....

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.....[4]





3 (a) Study Fig. 3, a graph showing rainfall in Dir, Khyber Pakhtunkhwa.

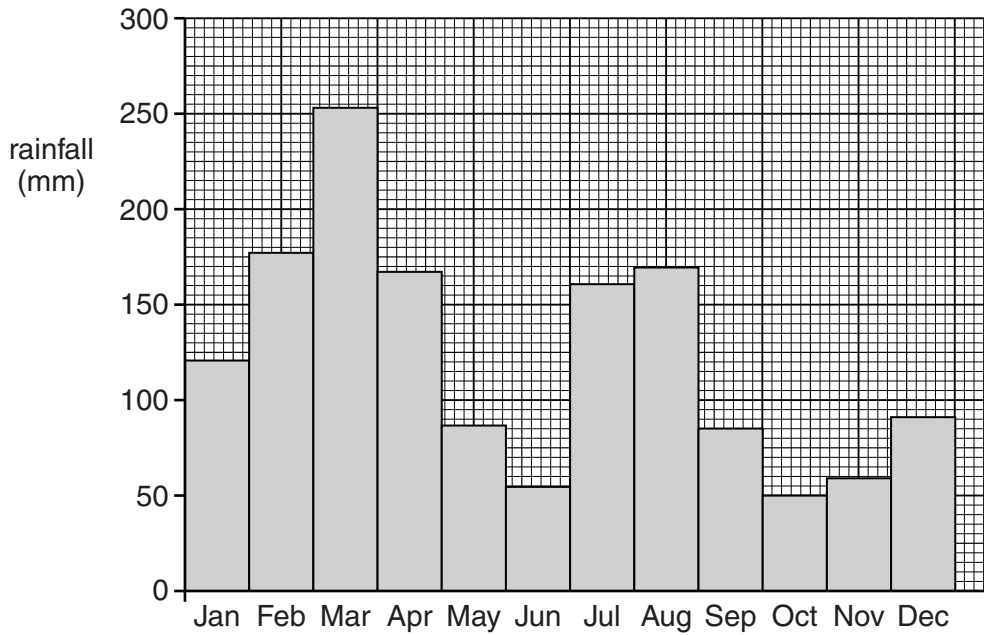


Fig. 3

(i) What is the minimum rainfall, and when does it occur?

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

(ii) What is the maximum rainfall, and when does it occur?


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

(iii) For how many months between October and June is the rainfall above 80 mm?

..... [1]

(iv) Give **two** causes of high rainfall between October and June at Dir.

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

(v) What is the main cause of summer rainfall at Dir? 

..... [1]

(b) (i) In the list below circle **three** inputs used mostly for cash crop farming.

ANIMAL  
DUNG

MANUAL  
LABOUR

CHEMICAL  
FERTILISER

HIGH YIELD  
SEEDS

DESI  
SEEDS

MODERN  
TRACTOR

WOODEN  
PLOUGH

[3]

(ii) Explain how each of the **three** inputs you have circled can increase crop yields.

1 .....

.....

2 .....

.....

3 .....

.....[6]

(c) (i) Explain what is meant by sustainable livestock farming.

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

(ii) To what extent can livestock farming increase food supply in Pakistan?  
Explain your answer.

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.....[6]

[Total: 25]

## 4 (a) Study Fig. 4.

Province	Khyber Pakhtunkhwa	Sindh	Punjab	Balochistan
Area (sq. km)	74 521	140 914	205 345	345 190
Population Density (people per sq. km)	238	216	358	19
Population under 15 years (by %)	47	43	42	47
Population from 15 to 65 years (by %)	50	54	54	51
Population over 65 years (by %)	3	3	4	2

Fig. 4

(i) Name the smallest and largest province by area.

Smallest .....

Largest .....

[2]

(ii) What is the population density of Sindh province?

.....[1]

(iii) Which is the most densely populated province?

.....[1]

(b) Choose **two** of the factors given below and explain how they cause a low population density in Balochistan.

RELIEF                  CLIMATE                  INFRASTRUCTURE                  SECURITY

Factor 1 .....

Explanation .....

.....

.....

.....

.....

.....

Factor 2 .....

Explanation .....

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.....[6]

(c) Study Fig. 4 again.

(i) Which province has the largest percentage of population over 65?  
.....[1]

(ii) Compare the age range of Punjab and Balochistan provinces.  
.....

.....

.....

.....[2]

(d) Use Fig. 4 and your own knowledge to explain the advantages and problems caused by the age distribution of **either** Punjab **or** Balochistan.

Choice .....

Advantages .....

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Problems .....

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[6]

(e) To what extent can the birth rate of Pakistan be reduced?  
Explain your answer.

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[6]

[Total: 25]

**[Turn over**

5 (a) Study Fig. 5, a map showing air routes in Pakistan.

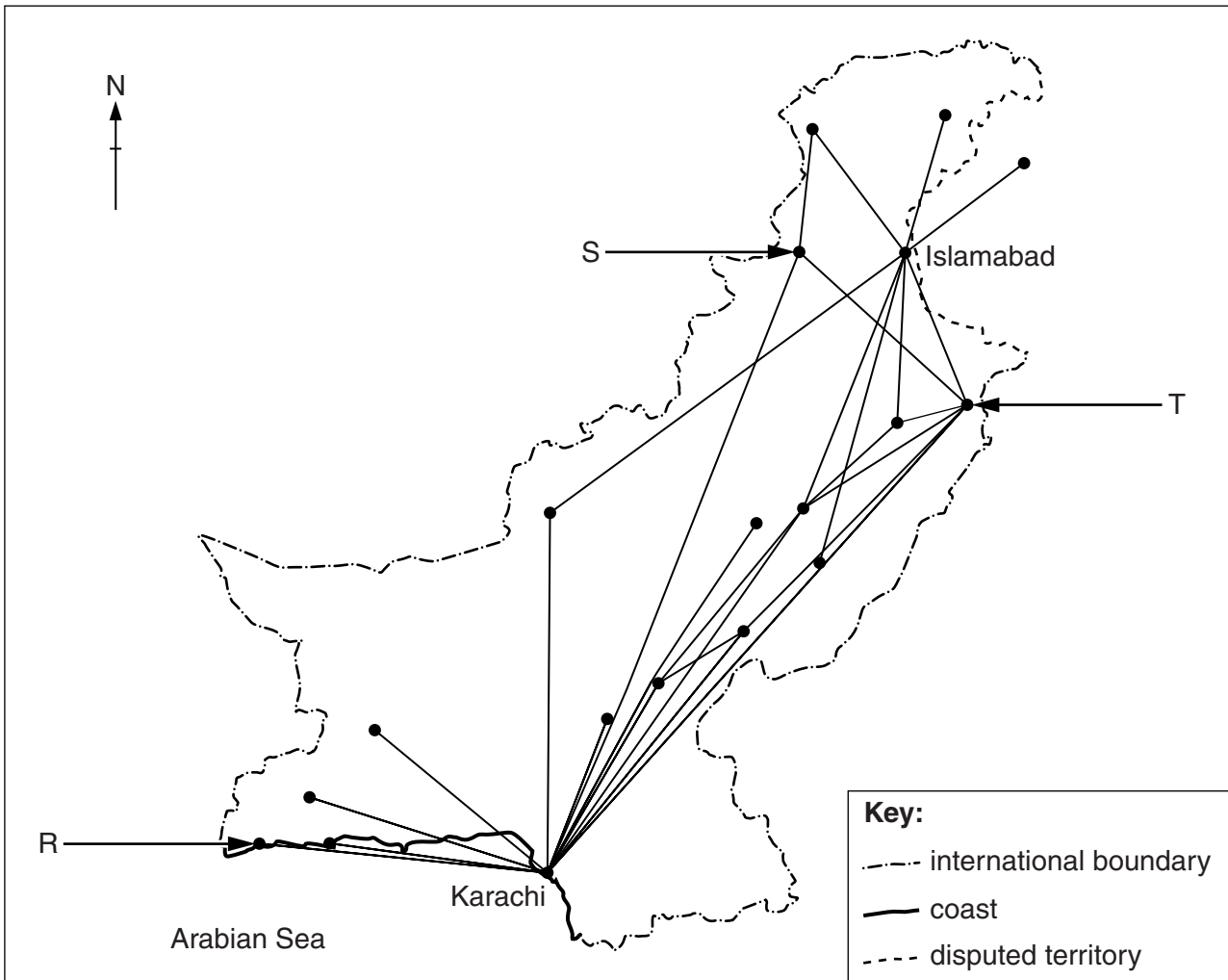


Fig. 5

(i) Name the destination of the air routes from Karachi R, S and T.

R .....

S .....

T .....

[3]

(ii) Describe the **pattern** of air routes from Islamabad.

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



(b) Explain the benefits of air transport to the people and the local economy of the northern mountains of Pakistan.

People .....

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Local economy .....

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.....[6]

(c) (i) What is meant by the term 'cottage industry'?

.....

.....[1]

(ii) State and explain **three** advantages of establishing cottage industries in a rural area.

Advantage 1 .....

Explanation .....

.....

Advantage 2 .....

Explanation .....

.....

Advantage 3 .....

Explanation .....

.....[6]





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Question 2 Figure 2 © Huma Naz Sethi; *The Environment of Pakistan*; Danesh Publications; 2010.

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