

CANDIDATE  
NAME

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CENTRE  
NUMBER

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**PAKISTAN STUDIES**

**2059/02**

Paper 2 The Environment of Pakistan

**October/November 2016**

**1 hour 30 minutes**

Candidates answer on the Question Paper.

No Additional Materials are required.

**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 Photographs A and B for Question 1 and Photograph C for Question 2.

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 **21** printed pages, **3** blank pages and **1** Insert.

1 (a) Study Fig. 1 which shows the distribution of monthly rainfall in Karachi.

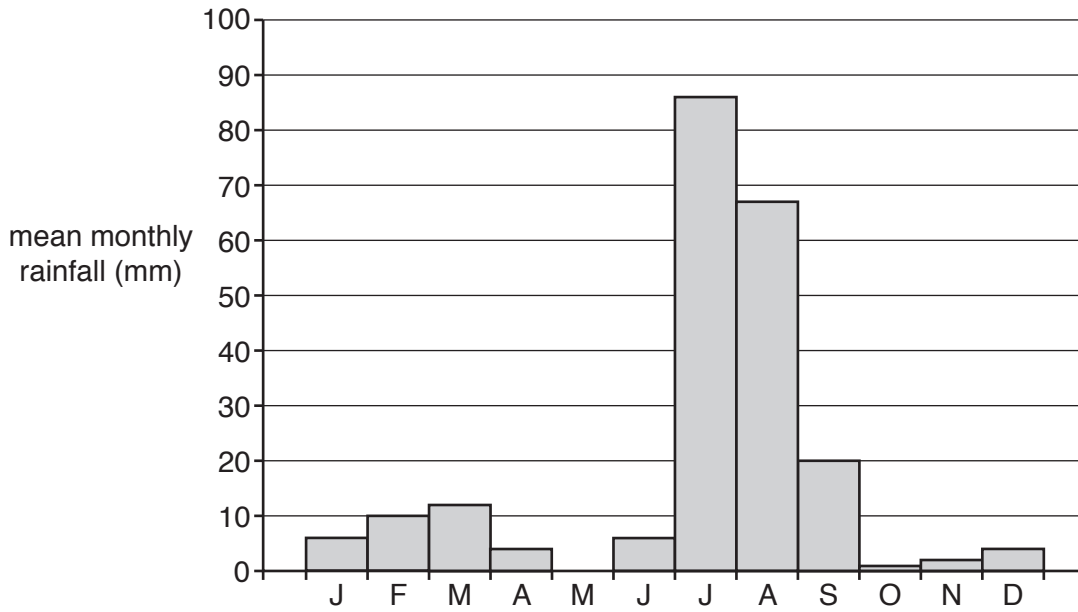


Fig. 1

(i) A For how many months does Karachi experience less than 10 mm rainfall?

.....

B Estimate the total rainfall in Karachi for the period July to September.

..... [2]

(ii) Describe briefly the climatic region in which Karachi is located.

..... [1]

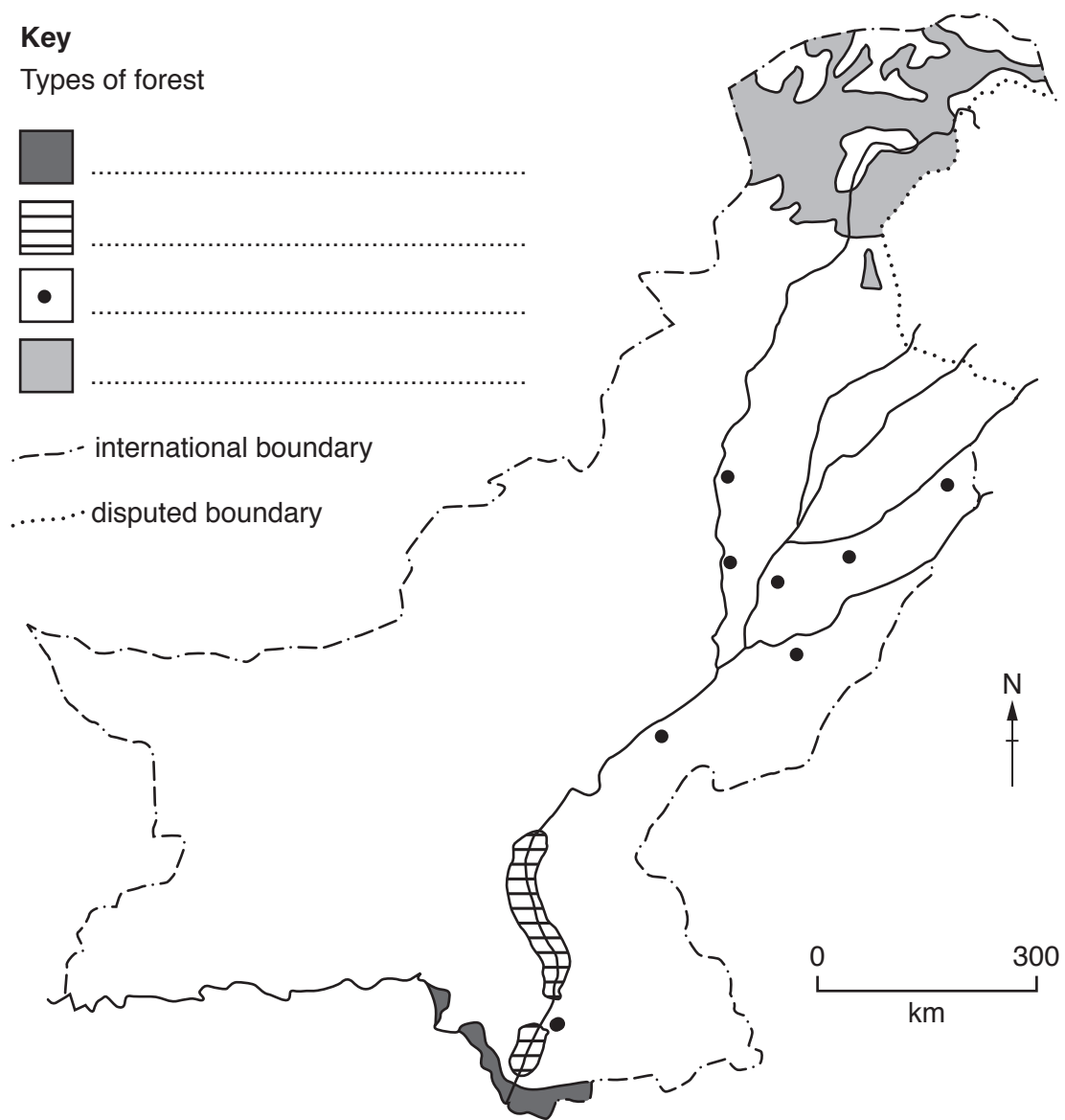
(iii) What is the main source of rainfall in Karachi? From which direction do the rain-bearing winds come?

Source .....

Direction ..... [2]



(c) Study Fig. 2 which is a map showing different forest types in Pakistan.



**Fig. 2**

(i) **In the key**, name the types of forest shown on the map.

[2]

- (ii) For **one** of the forest types you have named in (i):
- Describe the features of the forest.
  - Explain the uses or purpose of the trees that grow there.

Forest type name .....

Description .....

.....

.....

.....

Explanation .....

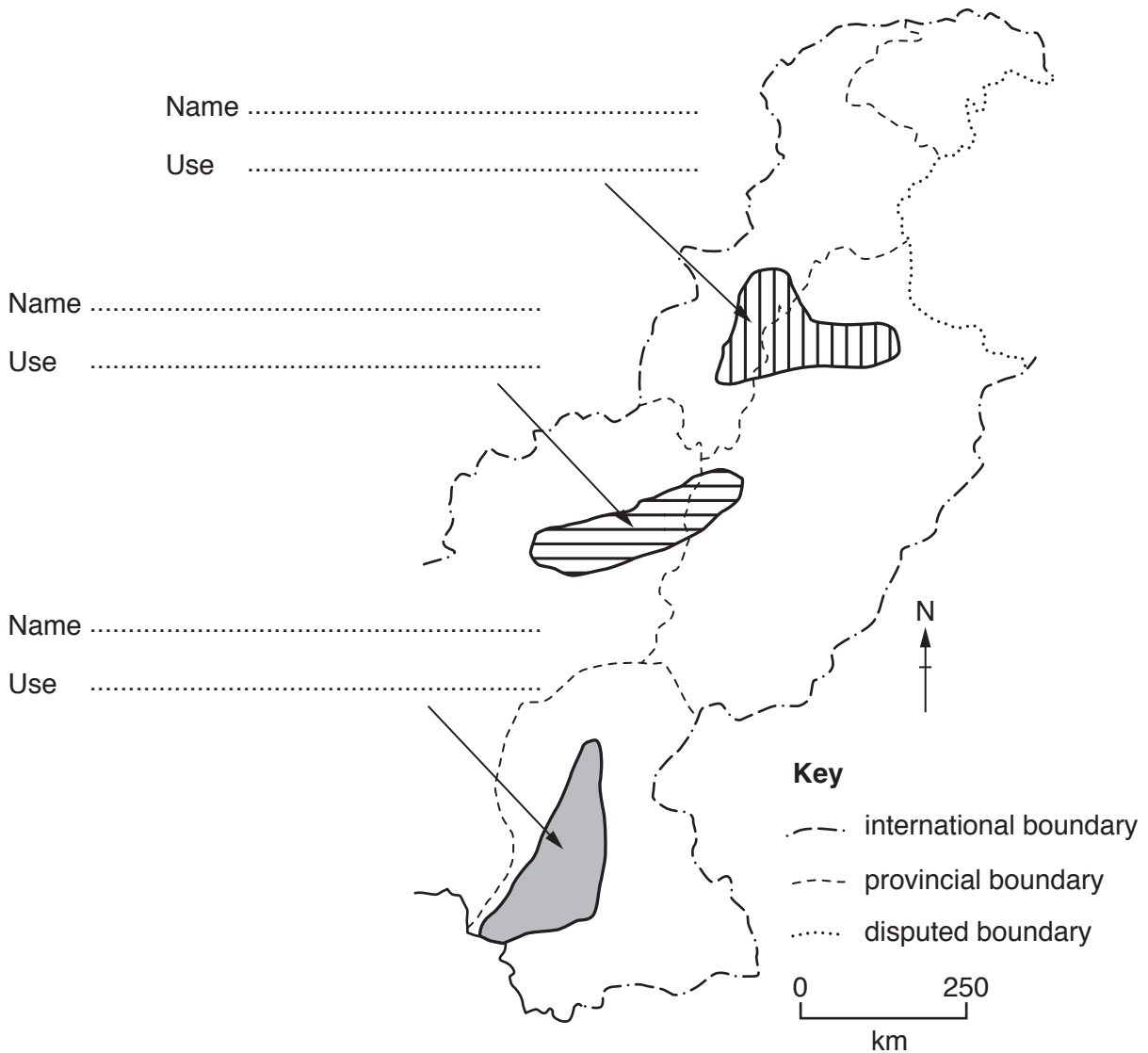
.....

.....

..... [4]



- 2 (a) Study Fig. 3 which is a map showing the locations where three different non-metallic minerals are extracted in Pakistan.



**Fig. 3**

- (i) For any **two** locations, state the name of the mineral extracted and a use for this mineral. Write your answers in the spaces provided on Fig. 3. [4]

You should choose from the following list:

gypsum

limestone

rocksalt

(ii) Using Fig. 3 and your own knowledge, suggest difficulties there may be in getting minerals to export markets.

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

(b) Study Photograph C (Insert).

(i) Name the type of livestock shown in this photograph.

.....[1]

(ii) Why is this type of livestock valuable to the farmer?

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

(iii) What environmental problems can be caused by keeping this type of livestock?

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



(c) (i) Name **two** of Pakistan's main exports.

1 .....

2 ..... [2]

(ii) Read the following article:

Pakistan produces many goods that could be exported in greater quantities. For a variety of reasons the amount of exports remains low: in 2013 the value of exports was only 13% of GDP.

Explain why it is difficult for Pakistan to sell more of its goods to other countries.

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



3 (a) Study Fig. 4 which is a diagram of a coal mine.

Type of mine .....

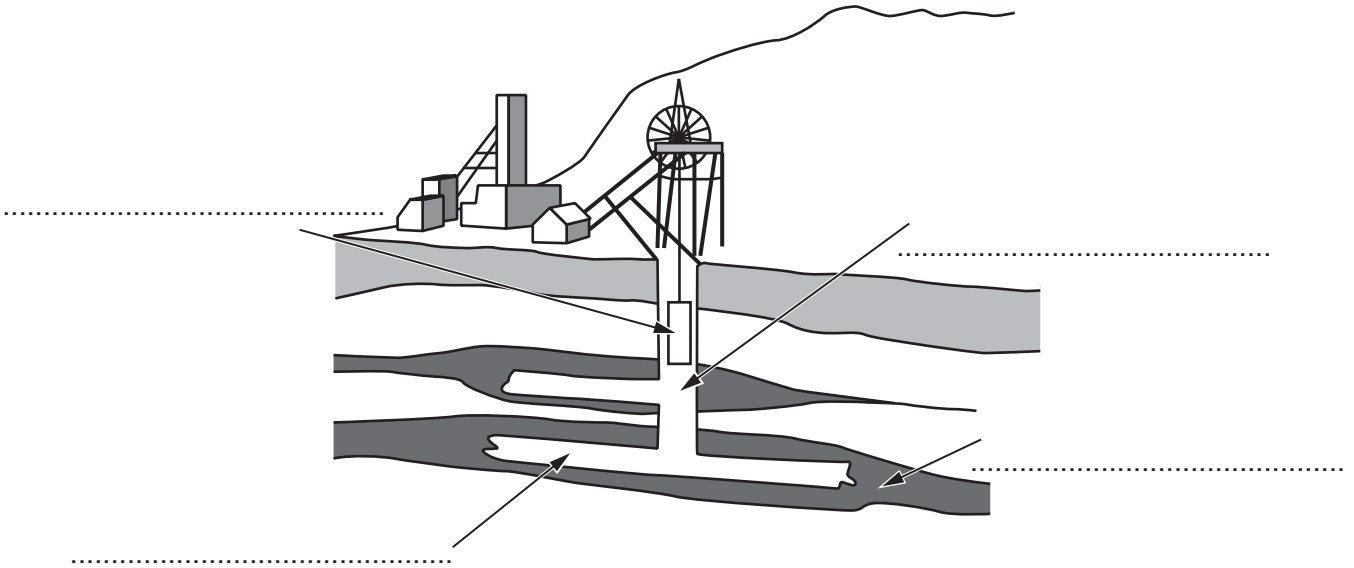


Fig. 4

(i) Choose **two** terms from the list below and use them to label the diagram in any **two** of the spaces provided.

adit      cage      shaft      open-cast      seam      tunnel      [2]

(ii) Suggest **two** reasons for using this type of mine and **one** disadvantage of using it.

Reason .....

.....

Reason .....

.....

Disadvantage .....

..... [3]

(iii) What type of coal is imported by Pakistan and how is it used?

Type .....

Use .....

..... [2]



(iii) Use information from the graph to describe **one** main difference between the change in gas used for electricity production and the change in oil used for electricity production.

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

(iv) Explain why so little coal is used for electricity production in Pakistan.

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









B Suggest **three** reasons for the production levels seen in the years 1991, 2004 or 2011.

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

(b) Describe different ways in which governments can support farmers.

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

- (c) Study Fig. 7 which is a table giving information about agriculture in Pakistan over the period 1950–2010.

Year	Agriculture % share in labour force	Total cropped area (million ha)
1950	66	13
1960	59	15
1970	58	17
1980	53	19
1999	47	23
2007	48	24
2010	45	23

Fig. 7

- (i) Describe the relationship between agricultural labour force and cropped area.

.....

.....

.....

.....[2]

- (ii) Suggest reasons for the change over the period 1950–2010 for **either** labour force **or** cropped area, as shown in Fig. 7.

Choice .....

Reasons .....

.....

.....

.....

.....

.....[3]



5 (a) (i) Study Fig. 8 which is a bar graph giving information about infrastructure spending in Pakistan for 2014–15.

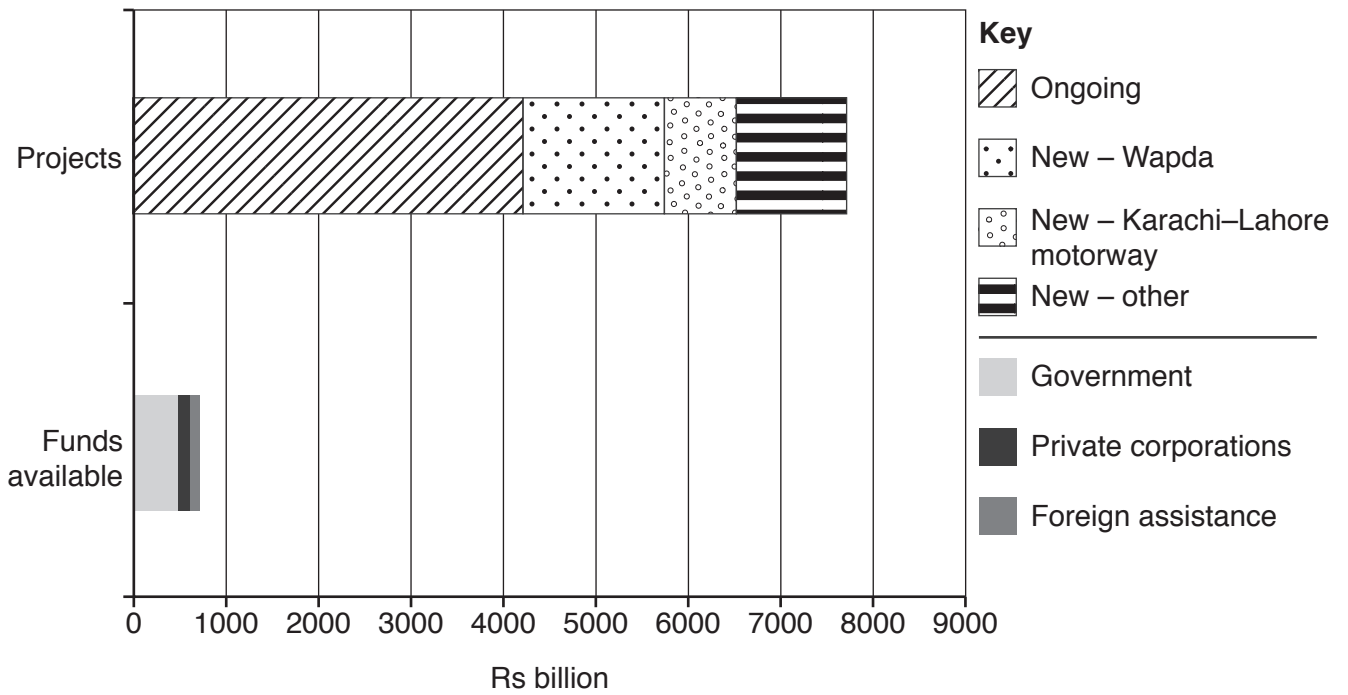


Fig. 8

A What is meant by the term 'infrastructure'?

.....

.....

.....

..... [2]

B Using information from Fig. 8 only, describe problems for infrastructure spending in 2014–15.

.....

.....

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..... [3]

(ii) Spending on infrastructure projects is lower in some years than others. Suggest reasons why this might be.

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

(b) Read the following article:

People move to towns and cities from the countryside for many reasons and often in large numbers. Some people return but most stay. As well as changing the lives of the migrants in many different ways, this rural–urban migration also brings change to the urban areas. The effects can be positive or negative.

(i) State **two** pull factors for the movement of population described in the article.

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

(ii) Describe the effects on urban areas of the movement of large numbers of people into them.

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





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