

Cambridge International Examinations

Cambridge IGCSE	Cambridge International Examinations Cambridge International General Certificate of Secondary Education
CANDIDATE NAME	
CENTRE NUMBER	CANDIDATE NUMBER

PAKISTAN STUDIES

Paper 2 The Environment of Pakistan

May/June 2015 1 hour 30 minutes

0448/02

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 Photographs A and B for Question 4.

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 20 printed pages and 1 insert.



(a) (i) On the outline map of Pakistan Fig. 1 mark and shade two areas which ex-1 annual rainfall (125 mm or less).

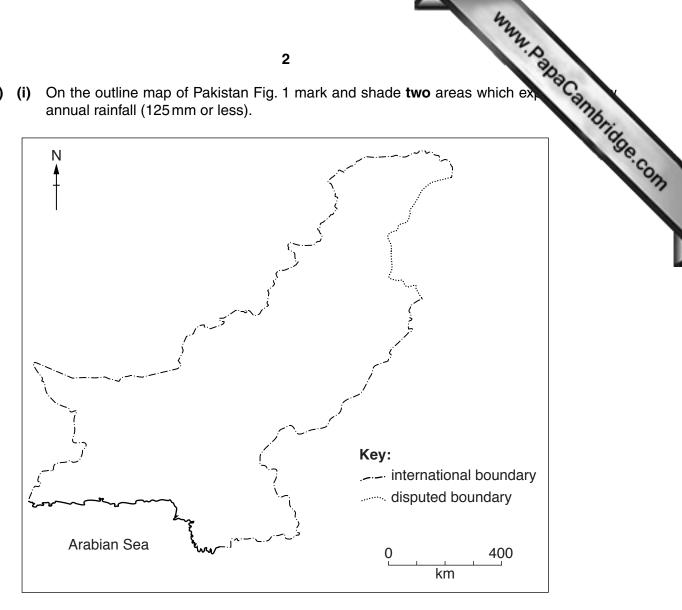


Fig. 1

(ii)	Name the crop which is mainly grown in these areas of low annual rainfall.
	[1]
(iii)	Explain the difficulties for people living in areas of low rainfall.
	ro

www.PapaCambridge.com (b) (i) Study Fig. 2 which shows rainfall data for two cities on the River Indus. 70 60 50 mean 40 monthly rainfall 30 (mm) 20 10 MAMJJASOND J F MAMJJASOND Hyderabad, Sindh Dera Ismail Khan, KPK

Fig. 2

۷.	Compare the amount and pattern of monthly rainfall in Hyderabad with that of Dera Ismail Khan.
••••	
	[3]
3.	Give three reasons for any similarities or differences in the two patterns of rainfall.
1	
2	
3	
	[3]

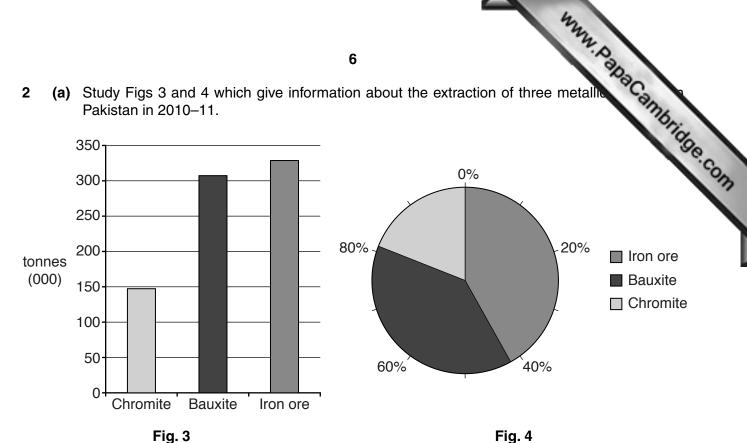
WWW. Par

	(ii)	Explain the effect of flooding on the local economy and transport links in along the River Indus.
		[4]
(c)	Give	e an example of a dry port and explain why it is located where it is.
	Exa	mple
	Ехр	lanation
		[3]
		[0]

(d)	It has been proposed that a new motorway should be built in Sindh from Hyderaba to Keti Bandar on the Indus Delta, a town with a population of less than 25 000. Explain why this motorway might be needed. To what extent would this proposal be possi-
	Explain why this motorway might be needed. To what extent would this proposal be possi-
	[6]
	[Total: 25]

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2 (a) Study Figs 3 and 4 which give information about the extraction of three metallic Pakistan in 2010-11.



How much iron ore was extracted in 2010–11?

F4 1
 ַנין.

(ii) State the difference between the type of information being provided in Fig. 3 compared to that in Fig. 4.

••••	 	 	 	 	 	
						[4]

(b) (i) Give one use for the mineral chromite and name one area where it is extracted in Pakistan.

Use

	[4]
(iii)	Explain the effects of mineral extraction on the natural environment.

(c) (i) Fig. 5 is a diagram of a thermal power station.

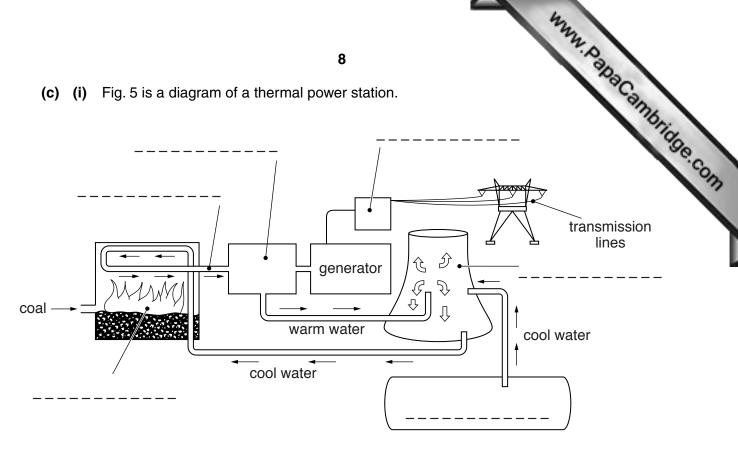


Fig. 5

Choose three terms from the list below and use them to label the diagram in three of the spaces provided.

[3]	steam	cooling tower	turbine	boiler	transformer	reservoir
		is unsustainable.	ower stations i	sil fuels in p	ain why burning fos	(ii) Explai
[4]						

(d)

Pakistan Railways now carry less than 10 percent of Pakistan's passenger transpersed to percent of its freight. To what extent is it possible to develop railways further in Pakistan? Support your answer by using examples you have studied.	
Pakistan Railways now carry less than 10 percent of Pakistan's passenger trail 5 percent of its freight.	
To what extent is it possible to develop railways further in Pakistan? Support your answer by using examples you have studied.	3
	٦
	, l
[6]	
[Total: 25]	

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(a) Study Fig. 6 which gives information about the area of Pakistan under cultivation

Key: cultivated area (as a percent of total area) over 65 35-65 5-34 under 5 international boundary disputed boundary provincial boundary 400 km Fig. 6 Name a district that has a cultivated area of over 65%. (i) How much of Faisalabad District is cultivated? (ii) Suggest reasons why so many districts of Pakistan have a cultivated area of less than 5%.

3

(iii)	Explain why agricultural land is no	o longer producing crops in many regions	and
			13
			[4]
	dy Fig. 7 which gives information erent years.	about urban and rural population in Pakistan	in two
	1981	2010	
80%		% 80% 20% 20% 40%	
		Fig. 7	
(i)		ation decreased between 1981 and 2010?	[1 ⁻
(ii)	Loss of agricultural land is one r	reason for the rural population decreasing. De causing people to move to urban areas.	
	1		

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(iii) E	Explain the effe	ects on rural a	eas when lar	ge amounts	of people migrate to	76
					······	77
	•••••		•••••			
						[4]
	500 450 400 350 300 250	2011.	ring the chang	ges in popula	— Punjab … Khyber Pakhtunkhw Sindh Balochistan	
			Fig. 8			
Desc	ribe two of the	main change:	s over time th	at can be se	en in this graph.	
1						
2						

(d) Read the following two views:

The Government should spend more money on development projects in the least densely populated province in Pakistan. This province is behind in development.

The Government should spend

www.PapaCambridge.com more money on development projects in the more densely populated provinces. More people live there. Which view do you agree with more? Give reasons and refer to places or examples you have

studied to support your answer.
[6]
[θ]

[Total: 25]

(a) (i) Study Fig. 9 which shows formal and informal sector employment in Pakista years.

			42	
	1	4		A. O. B.
Study Fig. 9 which rears.	shows formal and	l informal sector e	employment in Pal	Kista Rada Cambridge Com
Sector	2008–09	2009–10	2010–11	age 1
Formal	26.7	26.7	26.2	COM
Informal	73.3	73.3	73.8	

Fig. 9

Which sector of employment makes up the largest share of the labour force in Pakistan over these years?

Tourism is a service industry. Name **two** other service industries.

1		
2	[2]	

Study Figs 10 and 11 which give information about visitors into Pakistan in 1999.

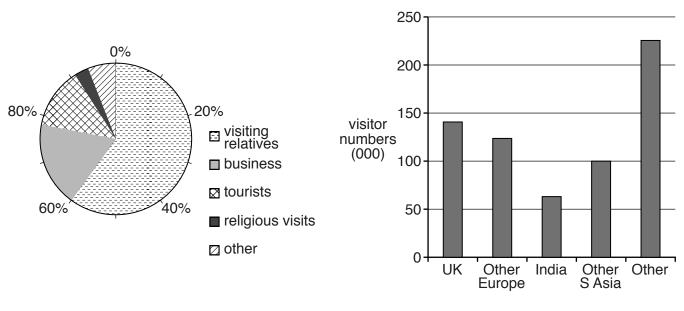


Fig. 10 Fig. 11

Λ.	What percentage of visitors into ranistan was classed as tourists:

What was the total number of visitors into Pakistan?

Suggest **one** reason why more people visited relatives compared to visiting Pakistan as tourists.

	[3]

(b) (i)	Study Photographs A and B (Insert) which show airports in Gilgit and Chitra
	Study Photographs A and B (Insert) which show airports in Gilgit and Chitra. Using the photographs and your own knowledge describe the problems in provider transport in the northern areas of Pakistan.
	[3]
(ii)	Explain the advantages to Pakistan as a developing country of providing more air transport routes.
	[4]
(c) (i)	Name or describe a border crossing by road between Pakistan and a neighbouring country. Which country is linked to Pakistan by this road?
	Border crossing

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	reasons for your answer.		for Canny
grou	ere are advantages and disadvantages of countries. and the following two views:	ges to Pakistan of trading with differ	ent countries
	Pakistan would benefit	There are more advantages	
	from stronger trade links with China.	to Pakistan in maintaining trade with EU (European Union) countries.	
	ich view do you agree with more? G died to support your answer.	ive reasons and refer to places or exa	amples you ha
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[Total: 25]

(a) Study Fig. 12 which gives information on birth rates and death rates in Pakistan.

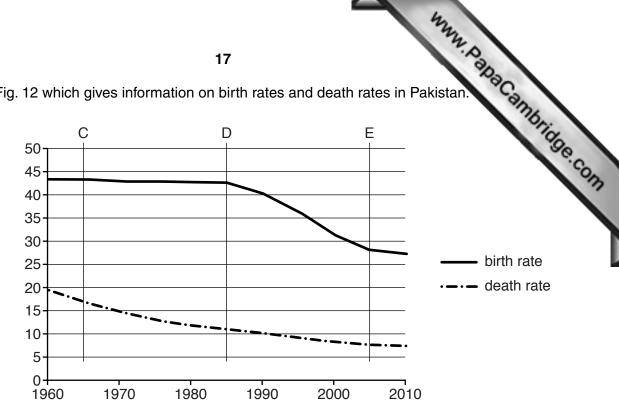


Fig. 12

On Fig. 12:

5

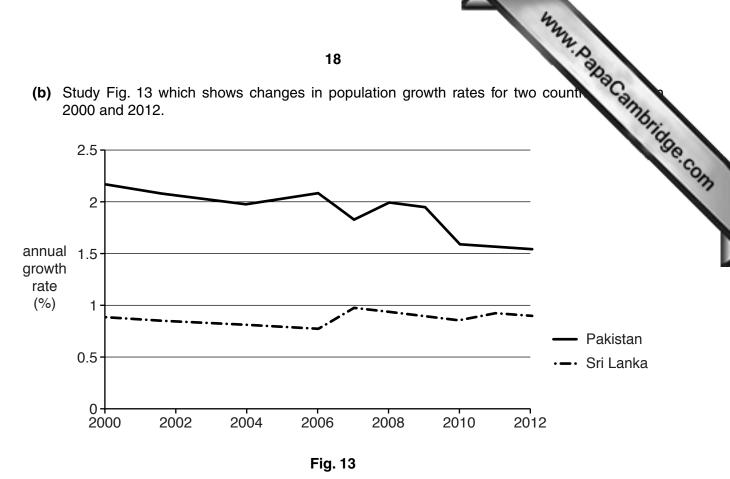
- Add a suitable label for the y-axis (vertical axis).
- B. Circle one of the letters C, D, or E on the graph to show the point where natural increase is highest. [2]
- Give two reasons why Pakistan continues to have a high birth rate. (ii)

1	•	• • •	•••	• • •	• • •	 	•••	••	••	• •	•••	 	• • •	• •	• •	 • •	••	• • •	•••	••	••	 ••	 	 	•	 •	٠.	•	 	 •••	 ٠.	•	••	• •	•	• • •	• • •	••	••	••	••	• •	 	• •	• •	• • •	 	• • •	•	 • • •	 	• • •	• •	••	• •	••	••	••	
2																																																											

The death rate in Pakistan has been decreasing every year since 1960. Suggest reasons for this.

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(b) Study Fig. 13 which shows changes in population growth rates for two count. 2000 and 2012.



(i)	Compare the Sri Lanka bety		population	growth	rate	of	Pakistan	with	that	of
		 	 		•••••			•••••		• • • • •
										[3]

www.PapaCambridge.com One of the factors affecting population growth is international migration. In Pakistan has experienced more emigration than immigration. What is meant by the term 'immigration'? Explain what has caused high levels of emigration and the effects of this on the economy of Pakistan.[5] (c) (i) What is meant by the term 'sustainable population growth'? (ii) Suggest **three** problems that might be caused by unsustainable population growth.

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www.PapaCambridge.com (d) Read the following two views about reducing the population growth rate in Pakist

The population growth rate is best reduced by family planning programmes.

The population growth rate is best reduced by increasing literacy for all, especially females.

Vhich view do you agree with more? Give reasons and refer to examples you have studie rom Pakistan to support your answer.
[6

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[Total: 25]