

Cambridge International Examinations

Cambridge International General Certificate of Secondary Education

CANDIDATE NAME					
CENTRE NUMBER			CANDIDATE NUMBER		

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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.



1 (a) (i) On the outline map of Pakistan Fig. 1 mark and shade **two** areas which experience low annual rainfall (125 mm or less). [2]

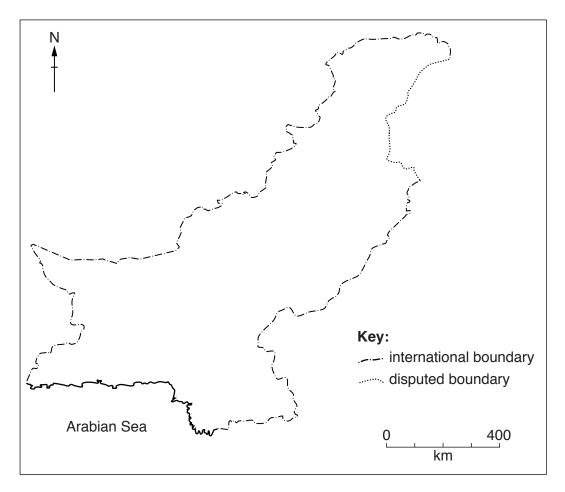


Fig. 1

(11)	name the crop which is mainly grown in these areas of low annual rainial.	
		.[1]
(iii)	Explain the difficulties for people living in areas of low rainfall.	
		[3]

(b) (i) Study Fig. 2 which shows rainfall data for two cities on the River Indus.

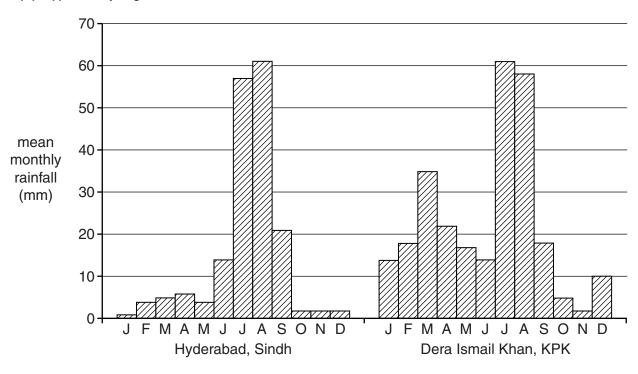


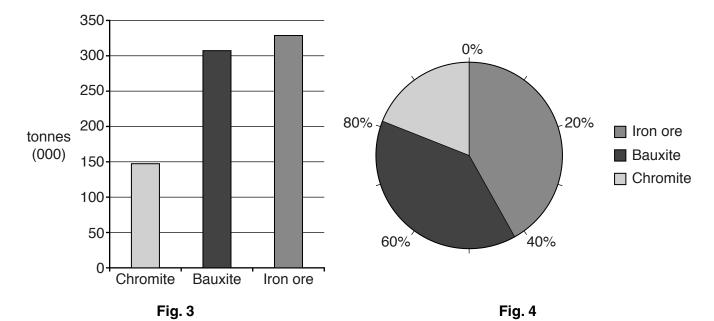
Fig. 2

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

	(ii)	Explain the effect of flooding on the local economy and transport links in communities 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
	Exp	lanation
		[3]

(d)	It has been proposed that a new motorway should be built in Sindh from Hyderabad via Thatta 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 possible?
	[6]
	[Total: 25]

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



(i)	How much	iron ore was	extracted in	2010-11?
\''	I IOW IIIGOII	non ore was	CALIGOTOR III	_010 11

Γđ	
 ı J.	

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

 	[1]

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

Use

Area[2]

(ii)	What are the benefits of extracting mineral resources for local people and the national economy?
	[4]
(iii)	Explain the effects of mineral extraction on the natural environment.
	[4]

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

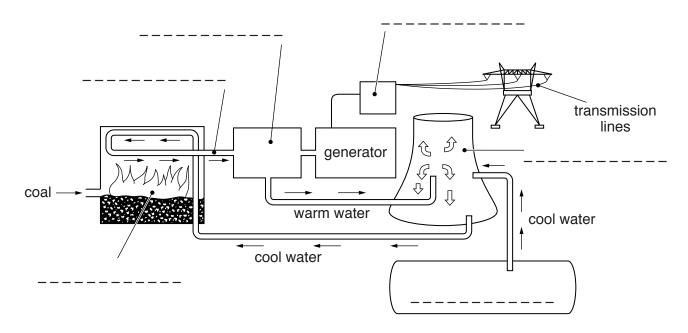


Fig. 5

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

reser	voir	transformer	boiler	turbine	cooling tower	steam	[3]
(ii)	Explain	why burning foss	il fuels in po	wer stations is	s unsustainable.		
							[4]

•		
•	~	

Pakistan Railways now carry less than 10 percent of Pakistan's passenger traffic and 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.
[6]

[Total: 25]

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

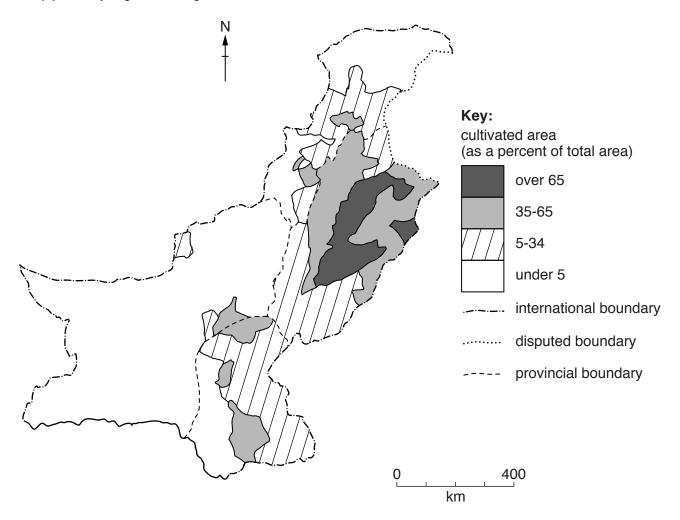


Fig. 6

(1)	Α.	Name a district that has a cultivated area of over 65%.	
	В.	How much of Faisalabad District is cultivated?	
			2]
(ii)		ggest reasons why so many districts of Pakistan have a cultivated area of less than 5%	
			••
			••
		r:	31

	(iii)	Explain why agricultural land i	s no longer pro	ducing crops in many r	egions of Pakistan.
					[4]
(b)		dy Fig. 7 which gives informa erent years.	tion about urba	an and rural population	
		1981		2010	
	80%	60% 40%	20% 80% □ rural □ urban Fig. 7	60%	20%
	(i)	By how much has the rural po	pulation decrea		
	(ii)	Loss of agricultural land is of three other push factors that	one reason for are causing pe	the rural population dople to move to urban a	ecreasing. Describe areas.
		2			
		3			
					[6]

(iii) E	Explain the effec	cts on rural a	reas when la	rge amounts	of people migrate	e to urban areas.
						[4]
	/ Fig. 8 which is een 1972 and 20		ving the chan	ges in popula	ation density for di	fferent provinces
	500					
	450					
	400			<i>'</i> .		
	350			4:	— Punjab	
population density	250		:.34.	-	•	Pakhtunkhwa
people/km					·-· Sindh	a.a.nama
	150		<u> </u>		Balochis	etan.
	100				Baiodillo	nan
	50					
	0					
	1972	1985	1998	2011		
			Fig. 8			
Desc	ribe two of the r	main change	s over time th	nat can be se	een in this graph.	
1						
2						
						[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 more money on development projects in the more densely populated provinces. More people live there.

[Total: 25]

Which view do you agree with more? Give reasons and refer to places or examples you have studied to support your answer.
[6]

4 (a) (i) Study Fig. 9 which shows formal and informal sector employment in Pakistan over three years.

Sector	2008–09	2009–10	2010–11
Formal	26.7	26.7	26.2
Informal	73.3	73.3	73.8

	Which sect	or of employment make	Fig. 9 es up the largest share of the labour force in Pakista
(ii) (iii)	1	a service industry. Name	e two other service industries. [2] [3] [4] [5] [6] [6] [6] [7] [7] [6] [7] [7
60%	0%	20% ☐ visiting relatives ☐ business ☐ tourists % ☐ religious visits ☐ other	visitor numbers (000) 100 UK Other India Other Other Europe S Asia
	Fig. 10		Fig. 11 Ito Pakistan was classed as tourists?
	B. What v	was the total number of	

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as tourists.

(b)	(i)	Study Photographs A and B (Insert) which show airports in Gilgit and Chitral.
		Using the photographs and your own knowledge describe the problems in providing air 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
		Country[2]

	(ii)	How useful is the border crossing you have named or described in (i) for trade? Give reasons for your answer.
		[4]
(d)	grou	ere are advantages and disadvantages to Pakistan of trading with different countries or ups of countries. and the following two views:
	1100	
		Pakistan would benefit from stronger trade links with China. There are more advantages to Pakistan in maintaining trade with EU (European Union) countries.
		ch view do you agree with more? Give reasons and refer to places or examples you have lied to support your answer.
		[6]

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

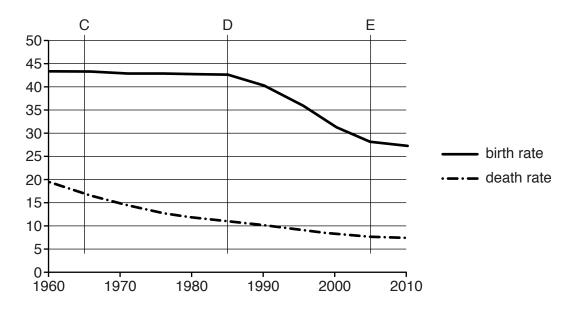


Fig. 12

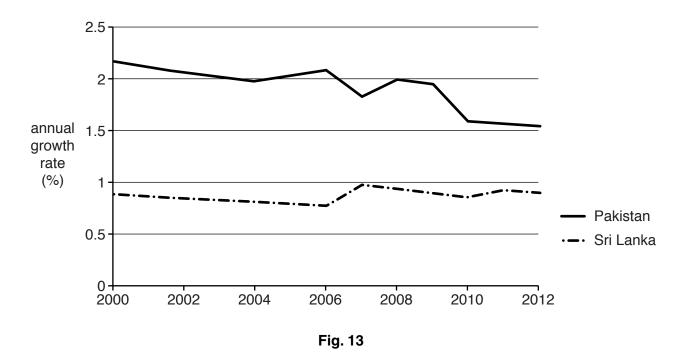
- (i) On Fig. 12:
 - A. Add a suitable label for the y-axis (vertical axis).
 - B. Circle one of the letters C, D, or E on the graph to show the point where natural increase is highest. [2]
- (ii) Give two reasons why Pakistan continues to have a high birth rate.

	l	 	 	 	
2)				
-		 	 	 	
					 [2]
•		 	 	 	 ــــــــــــــــــــــــــــــــــــــ

(iii) 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 countries between 2000 and 2012.



(i)	Compare the main changes in the population growth rate of Pakistan with that Sri Lanka between these two dates.	of

	(ii)	One of the factors affecting population growth is international migration. In recent years Pakistan has experienced more emigration than immigration.					
		A.	What is meant by the term 'immigration'?				
			Explain what has caused high levels of amigration and the affects of this on the				
		B.	Explain what has caused high levels of emigration and the effects of this on the economy of Pakistan.				
	<i>(</i> 1)		[5]				
(C)	(i)		at is meant by the term 'sustainable population growth'?				
			[1]				
	(ii)	Sug	gest three problems that might be caused by unsustainable population growth.				
		1					
		2					
		J	[3]				
			[6]				

(d)	Read the following tv	vo views about	reducing the	population of	growth rate in Pakistan.

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.

	Which view do you agree with more? from Pakistan to support your answer.	Give reasons and refer to examples you have studied
[6]		
		[6]

[Total: 25]

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