

## **Cambridge International Examinations**

Cambridge Ordinary Level

CANDIDATE NAME					
CENTRE NUMBER			CANDIDATE NUMBER		

PA Pa

PAKISTAN STUDIES 2059/02

Paper 2 The Environment of Pakistan

May/June 2015 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 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.



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]

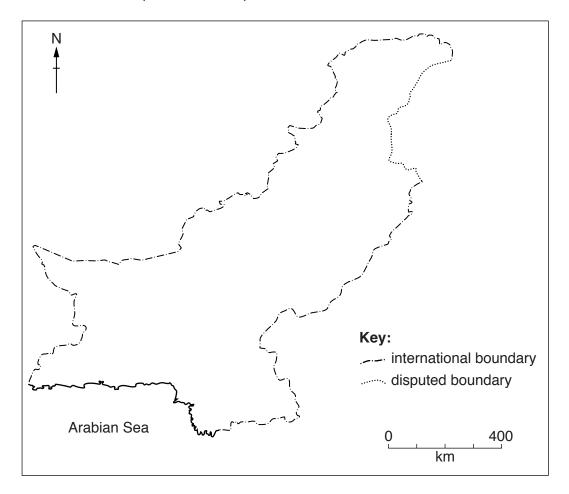


Fig. 1

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

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

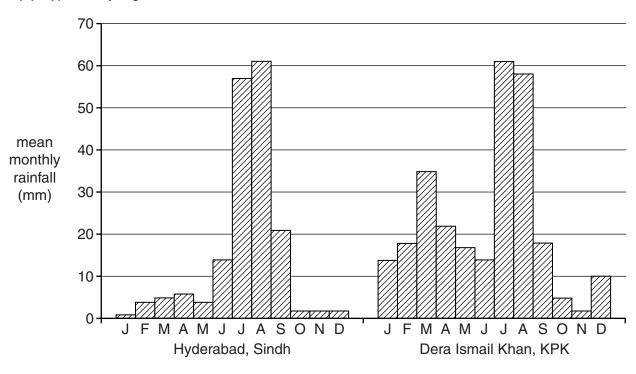


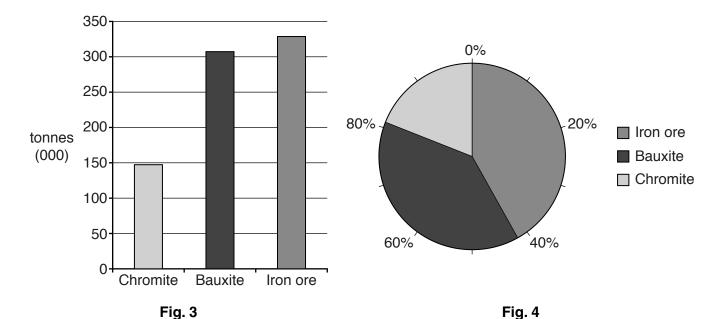
Fig. 2

	Ismail Khan.	
	[	
	Give <b>three</b> reasons for any similarities or differences in the two patterns of rainfall	
3		•••
		[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
	Ехр	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?

 [1]

(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.

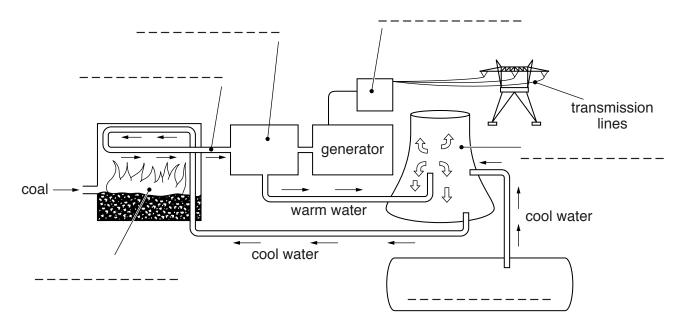


Fig. 5

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

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

~ 1	١

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.

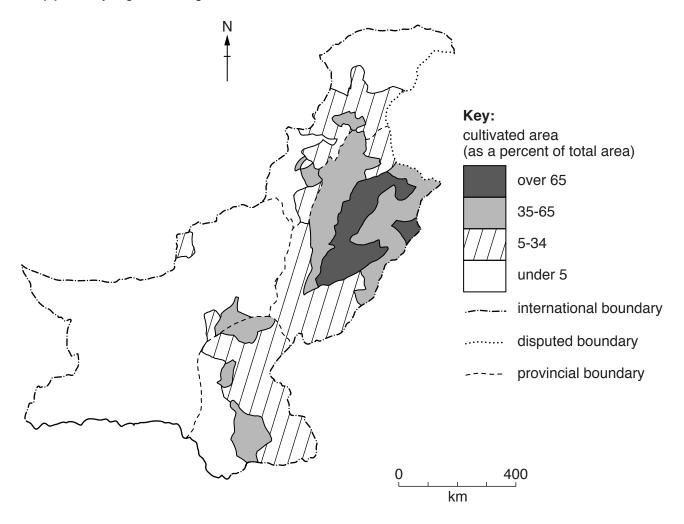


Fig. 6

(i)		Name a district that has a cultivated area of over 65%.	
		How much of Faisalabad District is cultivated?	
		[i	2]
(ii)	Su	ggest reasons why so many districts of Pakistan have a cultivated area of less than 5%	<b>%</b> .
		ſ	31

(iii)	Explain why agricultural land is no	longer producing crops in many regions of Pakistan.
		[4]
		about urban and rural population in Pakistan in two
	1981	2010
80%	60% 40%	% 80% 20% 20% 40% Fig. 7
(i)		ation decreased between 1981 and 2010?
(ii)	_	reason for the rural population decreasing. Describe causing people to move to urban areas.
		থে
	Stud diffe	Study Fig. 7 which gives information different years.  1981  0%  40%  (i) By how much has the rural popular three other push factors that are 1

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(iii) Exp	olain the effe	ects on rural a	reas when la	rge amounts	of people migrate to urban	area
( )				<b>9</b>	3	
••••				•••••		
••••						
						[
					ation density for different pro	_
oopulation density eople/km²)	450 400 350 300 250 200 150 100 50 1972	1985	1998	2011	Punjab Whyber Pakhtunkh Sindh Balochistan	าพล
			Fig. 8			
Describ	e <b>two</b> of the	main change		nat can be se	een 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 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		

				Fig. 9				
		sector o	of employment mak rs?	es up the	largest shar	re of the labour	force in Pa	akistar
(ii)			ervice industry. Nam	ne <b>two</b> oth	er service ir	ndustries.		[1]
	2							[2
(iii)	Study	Figs 10 a	and 11 which give i	nformation	about visito	ors into Pakistar	n in 1999.	
60%	0%	40%	o%  visiting relatives business tourists religious visits  other	visitor number (000)	250 200 150 s 100 50 UK	Other India Europe	Other S Asia	Other
	F	ig. 10				Fig. 11		
	A. W	/hat perc	entage of visitors in	nto Pakista	ın was class	sed as tourists?		
	B. W	/hat was	the total number of	f visitors in	to Pakistan'	?		
		uggest <b>o</b> s tourists	<b>ne</b> reason why mor	e people v	isited relativ	es compared to	visiting Pa	akistar

(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:
		Pakistan wayld banafit  There are more adventages
		Pakistan would benefit from stronger trade links with China.  There are more advantages to Pakistan in maintaining trade with EU (European Union) countries.
		ich view do you agree with more? Give reasons and refer to places or examples you have died to support your answer.
	•••••	
		F01
		[6]

[Total: 25]

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

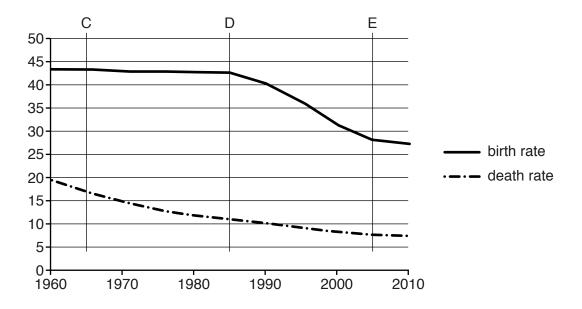


Fig. 12

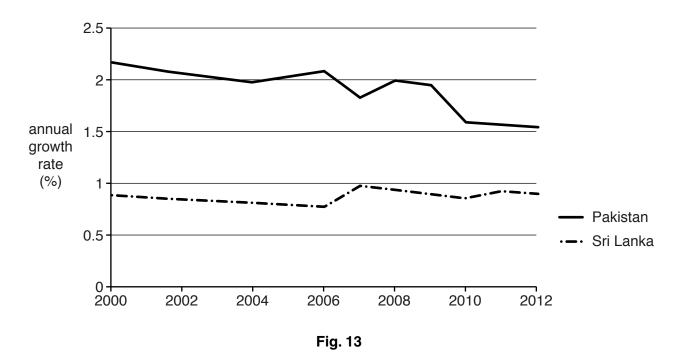
- (i) On Fig. 12:
  - A. Add a suitable label for the y-axis (vertical axis).
  - B. Circle one of the letters C, D, or E on the graph to show the point where natural increase is highest. [2]
- (ii) Give two reasons why Pakistan continues to have a high birth rate.

1.	 	 	 	 	
2.	 	 	 	 	
					_
	 	 	 	 	2

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

	•••
[0]	

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



(i)	Compare t Sri Lanka b		population	growth	rate	of	Pakistan	with	that	of
		 	 		•••••					

(ii) One of the factors affecting population growth is international migration. In recent years

		Pak	distan has experienced more emigration than immigration.	
		A.	What is meant by the term 'immigration'?	
		В.	Explain what has caused high levels of emigration and the effects of this on economy of Pakistan.	
(c)	(i)	 Wh	at is meant by the term 'sustainable population growth'?	
	(ii)		ggest <b>three</b> problems that might be caused by unsustainable population growth.	
	(ii)		ggest timee problems that might be caused by unsustamable population growth.	
		2		
		3		
				[3]

(d)	Read the following two	views about redu	cing the populati	ion 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? Give reasons and refer to examples you have studied from Pakistan to support your answer.
[6]

[Total: 25]

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