

# **Cambridge International Examinations**

Cambridge Ordinary Level

CANDIDATE NAME					
CENTRE NUMBER			CANDIDATE NUMBER		

70092840

PAKISTAN STUDIES 2059/02

Paper 2 The Environment of Pakistan

May/June 2016 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 Fig. 2 for Question 1, Fig. 3 for Question 2 and Photograph A 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) Study Fig. 1 which is a map of northern Pakistan.

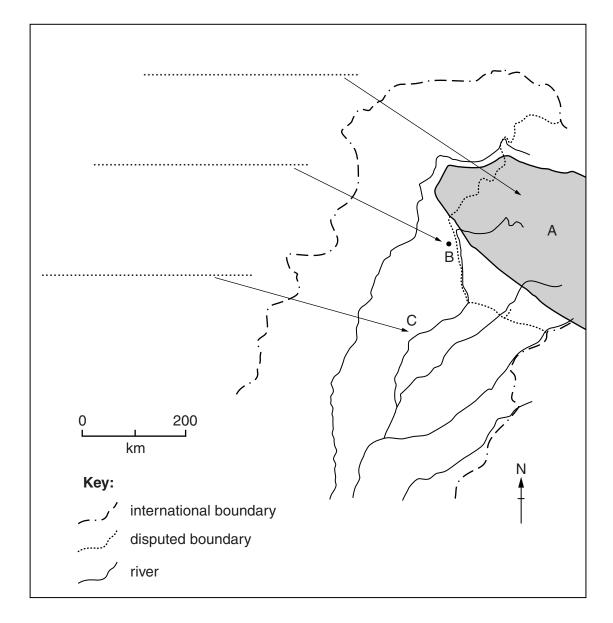


Fig. 1

- (i) On the map name the following:
  - Mountain range A
  - City B

• River C [3]

(ii)	Explain the causes of high rainfall at city B.
	[4]
(b) (i)	What is meant by the term 'population density'?
	[1]
(ii)	Which province in Pakistan has the highest population density?
	[1]
(iii)	Explain the physical factors that cause areas such as the province you named in (ii) to have a high population density.
	[4]

(c)	Stu	dy Fig. 2 (Insert) which shows two population pyramids for Pakistan.
	(i)	What information is displayed in a population pyramid?
		[2]
	(ii)	Identify <b>two</b> ways in which Pakistan's population structure is forecast to change between 2014 and 2040.
		1
		2
		[2]
	(iii)	Give one possible reason for each change identified in (ii).
		1
		2
		[2]

В

The needs of the people

(d) Read the following two views about overpopulation in Pakistan:

Α

The problems caused by

overpopulation can only be solved by increasing resources such as food, housing, and essential services.	can only be met if population growth can be controlled.
Which view do you agree with more? Give reason examples you have studied.	ons to support your answer and refer to places

[TOTAL: 25]

2 (a) (	(i)	Suggest <b>one</b> reason why farming is more productive on flat land.									
(ii)		Many processes are involved in rice cultivation. In the boxes below, place the following processes in the order in which they occur.									
		flooding	sowing	draining	transplanting						
			1 plo	oughing							
			2								
			3								
			4								
			5								
			6 ha	rvesting							
					[2]						
(ii	ii)	Explain how <b>one</b> subsistence farm.		ses you named	in (ii) is carried out on a small-scale						
		Process									
		Explanation									
					[3]						
(i	v)	Describe the natu	ral factors nee	ded to produce th	ne highest yields of rice.						

(b)		idy Fig. 3 (Insert) which gives information about the Gross Domestic Product (GDP) of kistan for 2014 by sector.								
	(i)	State what might be in categories A and B in Fig. 3.								
		Α								
		В	[2]							
	(ii)	For <b>one</b> sector in Fig. 3 explain how its contribution to GDP could be increased.								
		Sector								
		Explanation								
			[2]							

**(c)** Study Fig. 4 which gives information about the yields of three crops grown in Khyber Pakhtunkhwa (KPK).

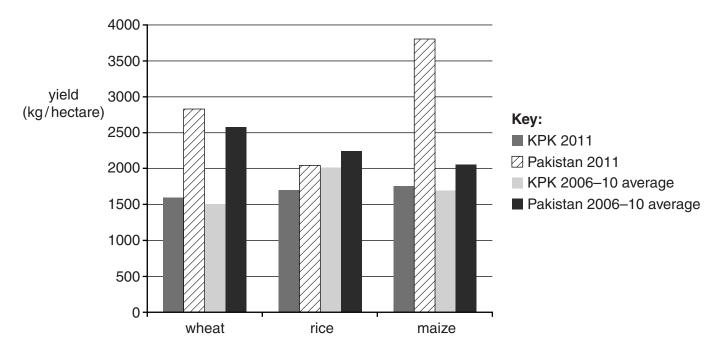


Fig. 4

(1)	A.	Which crop had the lowest yield in KPK on average over the years 2006–10?	
	В.	In 2011 what was the difference in maize yield between KPK and Pakistan?	
			[2]
(ii)		ing Fig. 4 and your own knowledge explain the problems for agriculture in KF ovince.	۶K
			· • • •
			. <b></b>
			· • • •
			[4]

# **(d)** Read the following article:

The Lowari Tunnel is due to open in 2017. It is 8.6 km long and will give Chitral Valley its only all-weather road to the rest of Pakistan.

For some in Chitral Valley this tunnel will be of real benefit but for others it will create problems.

To what extent does the Lowari Tunnel benefit or create problems for the local people and economy of Chitral? Give reasons for your answer.
[6]

[TOTAL: 25]

3 (a) Study Fig. 5 which gives information about employment in Pakistan by sector.

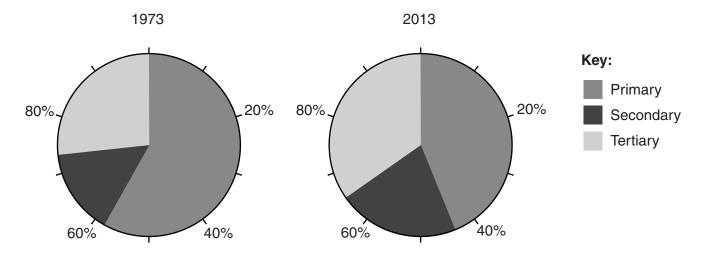


Fig. 5

(i)	A. State the proportion of primary sector employment in 1973.	
	B. By how much has secondary employment increased between 1973 and 2013?	
(ii)	Suggest reasons for the change in tertiary employment shown in Fig. 5.	[∠
		[3

(b)	(i)	What are the causes of unemployment and underemployment in urban areas of Pakistan?
		[3]
	(ii)	Suggest <b>two</b> reasons why unemployment is difficult to measure in countries such as Pakistan.
		1
		2
		rei

(c) (i) Study Fig. 6 which shows the distribution in Pakistan of selected cottage industries and the engineering industry.

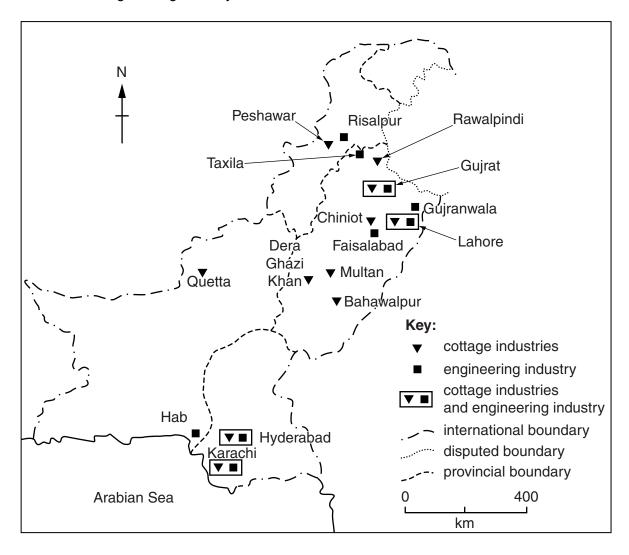


Fig. 6

A.	Give an example of a cottage industry.
	[1]
B. Fig	Compare the distribution of cottage industries and engineering industry as shown in .6.
••••	
	[3]

industry and circle a suitable method of transport.								y your cho	ser
	Chosen in	ndustry							
	air r	oad	ship	rail					[1]
(iii)	Suggest c	<b>one</b> advar	ntage of us	sing this me	thod of tran	sport for yo	our selected	d industry.	
									[1]
(iv)	Explain w	hat is mea	ant by the	term 'small-	scale indus	try'.			
									[3

(d)	Read the following two	views about	possibilities f	for industrial	development i	n Pakistan.
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Α It is better for Pakistan to promote largescale industries which provide more goods for domestic use and for other industries. and cottage industries in rural areas.

It is better for Pakistan to promote small-scale

[TOTAL: 25]

В

or examples you have studied.
[6

4 (a) (i) Study Fig. 7 which is a diagram of an HEP (Hydel) power station.

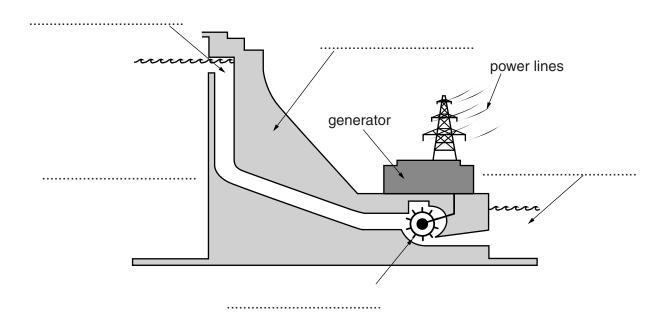


Fig. 7

- A. **On the diagram** place an arrow or arrows to indicate the direction of movement of water through the power station.
- B. Choose **two** terms from the list below and use them to label the diagram in **two** of the spaces provided.

		outflow	turbine	reservoir	dam	[3]
(ii)	Name <b>one</b> n	nulti-purpose	dam in Pakis	tan.		
						[1]
(iii)	Give <b>two</b> us	es for a dam	such as the o	ne you named i	n <b>(ii)</b> .	
	1					
	2					[2]

(b) (i)	Study Photograph A (Insert). Identify the type of forest vegetation shown in the photograph.					
	[1]					
(ii)	Study Fig. 8 which gives information about different types of forested area in Pakistan.					
2010						
2005	Key:  ■ natural forest					
2000	plantations other woodland					
1990						
-	0 500 1000 1500 2000 2500 3000 3500 4000					
	forested area (000 hectares)					
	Fig. 8					
	Describe <b>one</b> main change in forested area over the period shown.					

	Describe <b>one</b> main change in forested area over the period shown.
	[1]
(iii)	State the main difference between natural forest and plantations.
	[1]

(iv)	In 2014 about 4.2% of the land area of Pakistan was covered in forest. Explain why more forests need to be planted in the Indus Plain.
	[5]
(c) (i)	Name <b>two</b> fishing ports on the Makran Coast.
	1
	2[2]
(ii)	Describe the methods used in commercial marine fishing.
	[3]

(d)	To what extent is it possible for marine fishing to be developed sustainably in Pakistan? Give reasons to support your answer.
	[6

[TOTAL: 25]

**5 (a)** Study Fig. 9 which is a map of southern Pakistan.

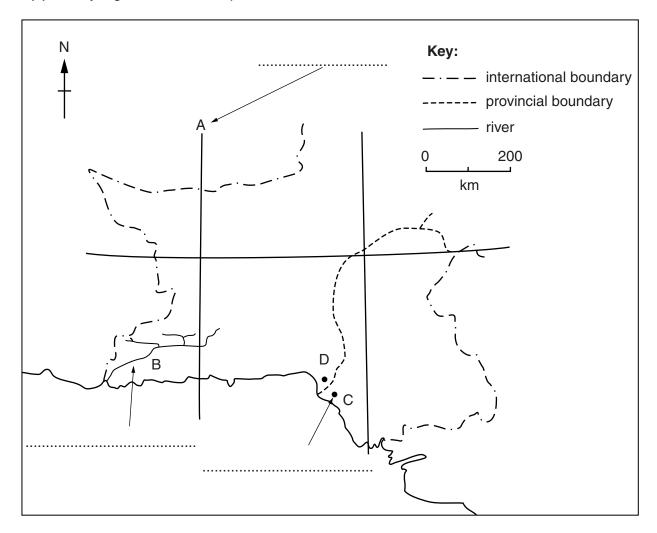


Fig. 9

- (i) On the map name the following:
  - Line of longitude A
  - River B

• City C [3]

(ii)	Explain the advantages of locating an industrial estate at D.			

b)	(i)	What are Export Processing Zones (EPZs)?
		[1]
	(ii)	Describe the features of an EPZ.

**(c)** Study Fig. 10 which gives information about the number of internet users and telephone lines in Pakistan.

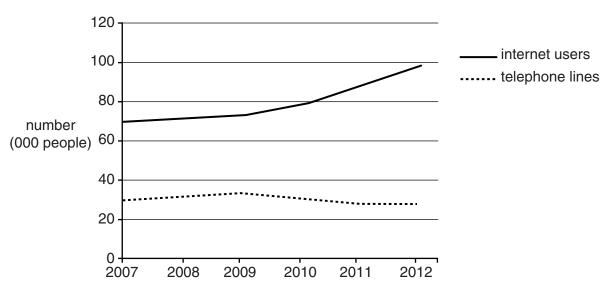


Fig. 10

(i)	How many more people were using the internet in 2012 than in 2007?
	[1]
(ii)	A. Describe <b>one</b> difference between the number of internet users and the number of telephone lines over the period 2007 to 2012.
	B. Suggest <b>one</b> reason for the change in the number of telephone lines over the same period.
	[2]
(iii)	What problems might there be in extending Information Technology (IT) throughout Pakistan?
	[5]

(d) Read the following two views about reducing the high unemployment rate in Pakistan.

A B

Unemployment levels are best reduced by increasing training opportunities in agriculture and other primary sector jobs.

Unemployment is more likely to be reduced by providing education in skills for the manufacturing and service industries.

[TOTAL: 25]

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

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