

## **Cambridge Assessment International Education**

Cambridge International General Certificate of Secondary Education

CANDIDATE NAME					
CENTRE NUMBER			CANDIDATE NUMBER		

97859998

PAKISTAN STUDIES 0448/02

Paper 2 The Environment of Pakistan

May/June 2019

1 hour 30 minutes

Candidates answer on the Question Paper.

Additional Materials: Ruler

## **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 Figs. 4.2, 4.3, 4.4, 4.5 and 4.6 for Question 4 and Figs. 5.2 and 5.3 for Question 5.

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 23 printed pages, 1 blank page and 1 Insert.



1 (a) Study Fig. 1.1, an outline map of Pakistan.

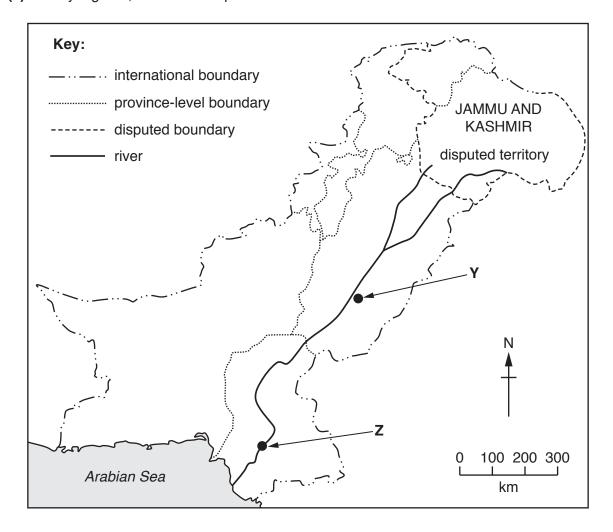


Fig. 1.1

(i) Label on Fig. 1.1 the province-level areas in the correct locations using the letters from the list below.

letter	province-level area
A	Balochistan
В	FATA
С	Northern Areas/Gilgit-Baltistan
D	Kyber Pakhtunkhwa (KPK)
E	Punjab
F	Sindh

[3]

(ii) Name the cities Y and Z.

Υ .....

Z .....

[2]

(b) (i	i)	Describe	the characteris	stics of a	floodpla	iin.				
										[3]
(ii	i)	State two	o ways that lan	d on a flo	oodplain	is used.				
		1								
		2								[2]
(c) (i	i)		te the passage om the list and					Pakista	n. Choos	e the correct
			Monsoon							
			autumn		continer	nt	ocean		spring	
				summe	er	winds	W	inter		
										[2]
(ii	i)	Describe	the causes of	the south	n west m	onsoon.				
										[0]

(iii)	Explain <b>two</b> impacts of a heavy monsoon. You should develop your answer.						
	-						

(d) Rivers are an important resource for human settlement and economic activity, but flooding is an increasing problem which can hinder development. Read the following two views about ways to manage flooding in Pakistan:

Α

More flood management schemes are needed along rivers to prevent floods. В

Flooding brings benefits so rivers should be allowed to flood naturally.

examples you have studied. You should consider View A <b>and</b> View B in your answer.
[6]

[Total: 25]

2 (a) (i) Study Fig. 2.1, which is a map of the southern coastline of Pakistan.

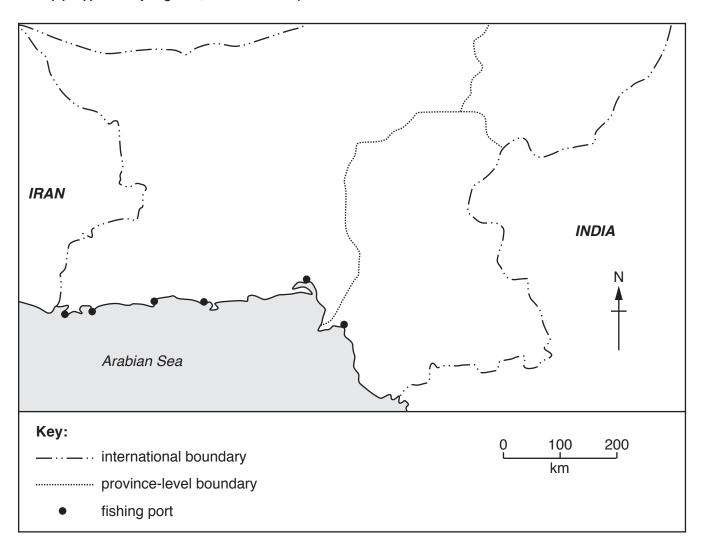


Fig. 2.1

Name **two** fishing ports on this coastline.

2	Ċ	
	/	[2

(ii) State two uses of fish.

2 ......[2]

(iii) Complete the passage about types of marine fishing in Pakistan. Choose the correct words from the list and place them in the spaces provided.

	Fish that is caught and sold for profit is known as								
	fishing. Many families depend on this type of fishing for their main source								
	of		Fish tl	hat is cauç	ght by the family	for their own			
	consumption	on is known as	S		fishing. Ma	any people			
	who live ne	ar the coast r	ely on fish	n as the m	ain component o	f their			
	catch	commer	cial	diet	large	income			
		small	subsis	stence	traditional		[2]		
Desc	rihe <b>three</b> fish	ning methods	used in m	narine wat	ers		[-]		
		-							
							[3]		
What	is a fish farm	?							
•••••									
							[1]		
Desc	ribe the chara	ecteristics of a	fish farm						
							[2]		
	1 2 3 What	fishing. Man of	fishing. Many families de of	fishing. Many families depend on to form	fishing. Many families depend on this type of of	fishing. Many families depend on this type of fishing for their of	fishing. Many families depend on this type of fishing for their main source of		

(iii)	Classify the following fish into the correct category in the table below.	An example has
	been done for you.	

Inland or freshwater fish
manaseer

	L		_	_	_	£.			_	
C	n	n		2	Д	TI	rハ	m	٦	•

drum	rahu	croaker	catfish	skate
palla	trout	rav	thalla	grass carp

[3]

(c)	Explain <b>two</b> problems caused by the fishing industry on the natural environment. You should develop your answer.

(d) Fishing is an important and growing economic activity in Pakistan. Read the following two views about ways to develop the fishing industry in Pakistan sustainably:

Α

Developing inland fish farming has greater benefits for the people and economy and is more sustainable. F

Developing marine fishing has greater benefits for the people and economy and is more sustainable.

Which view do you agree with more? Give reasons to support your answer and refer to examples you have studied. You should consider View A <b>and</b> View B in your answer.
[6]

[Total: 25]

**3** (a) (i) Study Fig. 3.1, a map showing gas producing regions and the natural gas pipeline network in Pakistan.

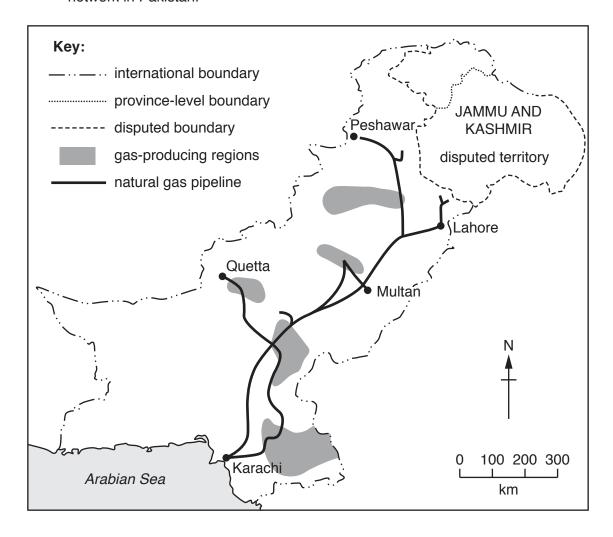


Fig. 3.1

Name three gas producing regions in Pakistan.

1	
2	
3	 [3]

(ii)	Using Fig. 3.1 and your own knowledge, describe the distribution of the natural gapipeline network in Pakistan.	as
	[	.4]
<b>/···</b>		
(iii)	Explain <b>one</b> way of transporting natural gas to parts of Pakistan not served by the pipelines and <b>one</b> limitation of this method. You should develop your answer.	he
(iii)		he 
(iii)		he 
(iii)		ne 
(iii)		
(iii)		
(iii)		
(iii)		ne

(b) (i) Study Fig. 3.2, which shows the percentage share of natural gas used by selected sectors in Pakistan.

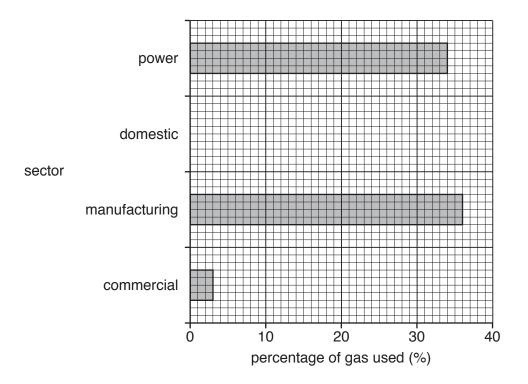


Fig. 3.2

**Complete** Fig. 3.2 by drawing the bar for domestic use using the information below.

gas use	percentage (%)
domestic	18

[1]

(ii) Name two other sectors that use natural gas which are not shown on Fig. 3.2.

1
---

2 ......[2]

**(c) Complete** the passage about generating electricity using natural gas. Choose the correct words from the list and place them in the spaces provided.

To produce electricity in a ....... power station, ...... such as coal, oil or gas are burned to make ...... to

generate electricity. Transformers control the voltage and transfer electricity to pylons through

.....lines.

biofuels	conductor		fossil fuels	heat	hydel	light
nuclear	power	steam	thermal	tran	smission	turbines

[5]

(d) The natural gas field discovered at Sui is considered to be one of the largest in the Additional smaller gas fields have since been discovered and developed in Pakistan.					
	To what extent is further development of the natural gas industry possible in Pakistan? Give reasons to support your <b>judgement</b> . You should consider <b>different</b> points of view in your answer.				
	[6]				
	[Total: 25]				

			14
4	(a)	(i)	Define 'tertiary industry'.
			[1
		(ii)	Study Fig. 4.1, which shows the percentage share of people employed in each economic sector in Pakistan.
			90% 80% 20% Primary Secondary Tertiary
			Fig. 4.1
			What is the percentage of people employed in tertiary activities in Pakistan?
			% [1
		(iii)	Name three different job types in the tertiary sector.
			1
			2

[3]

(b)	(i)	Describe the	difference between dom	estic and foreign tourisr	n.
		•••••			[2]
	(ii)	Study Table countries in 2		ource of foreign tourists	to Pakistan from selected
			origin	number	
			UK	275 600	
			USA	129600	
			Afghanistan	80 500	
			China	30 600	
			Table	e 4.1	
		A Which co	ountry is the main source	of foreign tourists?	
		B Suggest	two reasons for this.		
		1			

(c) (i)	Explain <b>two</b> advantages of tourism to Pakistan. You should develop your answer.		
	[4]		
(ii)	Study Figs. 4.2, 4.3, 4.4, 4.5 and 4.6 (Insert), photographs of some natural and cultural attractions of Pakistan. Use the photographs and your own knowledge to suggest how each is a tourist attraction.		
	Fig. 4.2		
	Fig. 4.3		
	Fig. 4.4		
	Fig. 4.5		
	Fig. 4.6		

(d)	Tourism is an important and growing activity in Pakistan contributing 7.4 per cent to Gross Domestic Product in 2017.
	To what extent is further development of Pakistan's tourism industry possible? Give reasons to support your <b>judgement</b> . You should support <b>different</b> points of view in your answer.
	re1
	[6]
	[ 10tal. 25]

**5** (a) (i) Study Fig. 5.1, a map showing population distribution in Pakistan.

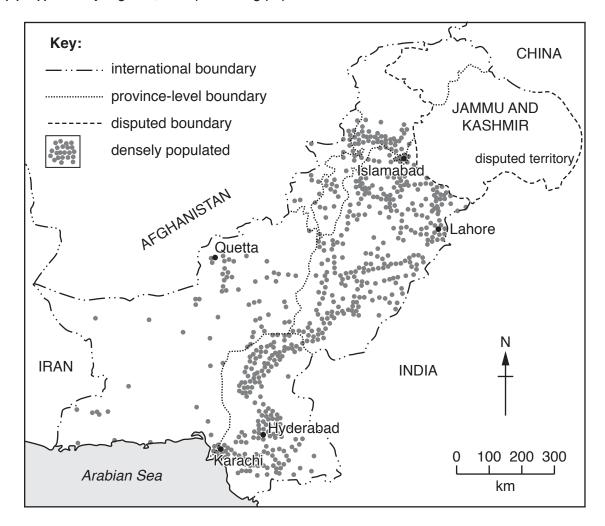


Fig. 5.1

	Name a province that is sparsely populated.	
		[1]
(ii)	Using Fig. 5.1, describe the population distribution of Pakistan.	
		[3]

(iii)	Suggest three physical factor	rs for the pattern of po	pulation distribution sh	own in Fig. 5.1.
	1			
	2			
	3			
				[3]
(b) (i)	Define 'rural to urban migrati	ion'.		
				[1]
(ii)	Using your own knowledge, rural areas? Circle the corre		e percentage share of	people living in
	increasing	decreasing	stable	[1]
(iii)	State three pull factors for p	eople moving to urban	areas.	
	1			
	2			
	3			[3]

(c)	(i)	Explain <b>two</b> impacts of large numbers of people moving into urban areas. You should develop your answer.
		[4]
	(ii)	Study Figs. 5.2 and 5.3 (Insert), which show two areas of shanty development in Pakistan. Describe <b>three</b> differences between the shanty developments shown in Figs. 5.2 and 5.3.
		1
		2
		3

(d)	Evaluate the measures taken to improve the living conditions in shanty developments in urban areas of Pakistan. Give reasons to support your <b>judgement</b> and refer to examples you have studied. You should consider <b>different</b> points of view in your answer.
	[6]

[Total: 25]

## **Additional Pages**

If you use the number(s) mu	e following st be clearly	lined pag shown.	es to	complete	the	answer(s)	to	any	questic	on(s),	the	question
				•••••								
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