

Cambridge International Examinations

Cambridge Ordinary Level

CANDIDATE NAME				
CENTRE NUMBER		CANDIDATE NUMBER		

PAKISTAN STUDIES 2059/02

Paper 2 The Environment of Pakistan

October/November 2017
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.

If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.

The Insert contains Photograph A for Question 1 and Photograph B for Question 3.

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.



(a)	Stu	dy Photograph A (Insert), which shows part of the urban area of Islamabad.	
	(i)	Describe three features of the residential area in this photograph.	
		1	
		2	
		3	
			[3]
	(ii)	Suggest reasons why people move into areas such as that shown in Photograph A.	
(b)	A sh	nortage of food is one reason why people move away from rural areas.	
(-)	(i)	Give two reasons why there might be a shortage of food in rural areas.	
	(-)	1	
		2	
			[2]

(ii)	Describe the ways that human factors can improve the production of livestock farming in Pakistan.
	13.

(c) Study Fig. 1, which shows death rates in Pakistan between 2000 and 2014.

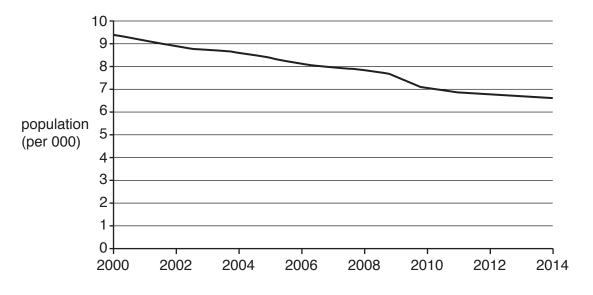


Fig. 1

(i)	What is the death rate in 2000?
-----	---------------------------------

	[1]	l
(ii)	How has the death rate changed between 2000 and 2014?	

(iii)	Give one reason why the death rate has changed over this period.	

	[1]
(iv) Explain the impacts of this change in death rates on Pakistan. You should develop y answer.	our/

 	 	[4]

Α

(d) Rapid population growth and rural to urban migration lead to pressure on housing in urban areas of Pakistan. Read the following two views about ways to solve the housing problems in urban areas:

В

The government should provide The government should provide funding to rural areas to prevent funding to improve poor quality migration from rural to urban housing in urban areas. areas. 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 and View B in your answer.

2 (a) (i) Study Fig. 2, which is a flow diagram of the cement industry.

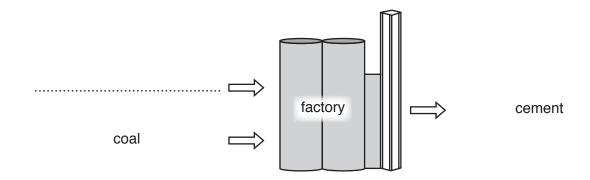


Fig. 2

On Fig. 2, insert the name of a raw material used to make cement in the space provided.
[1]

(ii)	Give one example of primary, secondary and tertiary employment in the cement industry.
	Primary
	Secondary
	Tertiary
	[3]
	1-3
(iii)	The cement industry is an example of a formal industry. State three characteristics of employment in the formal sector of industry.
	1
	T
	2
	3
	[3]

(b) (i)	Name two fuels which are imported in large quantities by Pakistan.
	1
	2[2]
(ii)	Explain the disadvantages to Pakistan of importing large amounts of natural resources. You should develop your answer.
	[4]

(c) Study Fig. 3, a map which shows the distribution of population in southern Pakistan.

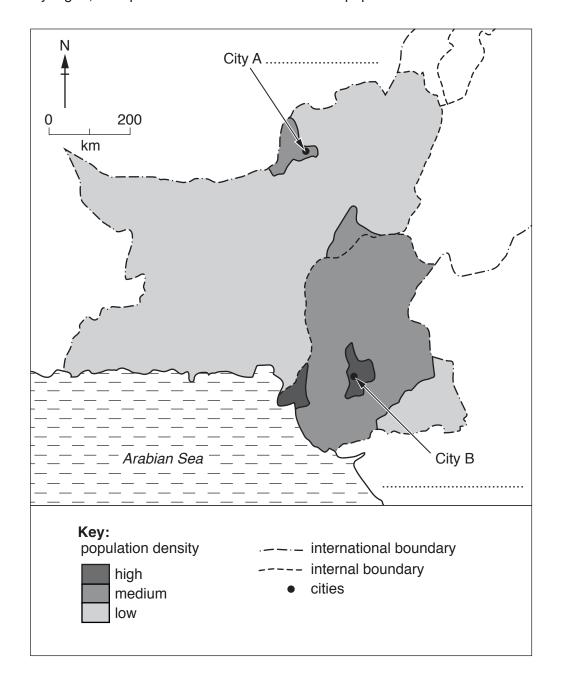


Fig. 3

(i) On the map name the following: City A; City B. [2](ii) Name one area of low population density shown on Fig. 3.

(iii)	Describe three human factors that cause some areas to have a low population dens	sity.
	1	
	2	
	3	
		[3]

A	В
Government projects, policies and support have the greatest influence on the growth of industries.	Energy shortages, the security situation and natural disasters have the greatest influence on the growth of industries.

[6]

3 (a) (i)		Name a species of	of fish reare	ed on a fish f	arm.		
	в	Give two uses for	r the produc	cts of fish fa	ms.		
	1						
	2						
(ii)	Des	cribe the methods	used to rea	ar fish on fis	n farms.		
			•••••		•••••		
	•••••						
			• • • • • • • • • • • • • • • • • • • •				
) St	udy Fi	g. 4, which show	s changes	in farm si	ze in Pakis	stan betwee	n 1980 an
		Farm size		Percenta	ge of farms		
		hectares (ha)	1980	1990	2000	2010	
		Under 5	74	81	86	89	
		5–20	24	17	13	10	
		21 and over	2	2	1	1	
				Fig. 4			
(i)	In w	hich year was the	percentage	of farms ur	nder 5 hecta	ares (ha) the	smallest?
		,					
(ii)							
(ii)	 Iden	itify the two main	changes in	farm size o\	er the who	e period 198	80–2010.
(ii)	 Iden 1	itify the two main	changes in	farm size ov	er the who	e period 198	30–2010.
(ii)	 Iden 1	tify the two main o	changes in	farm size ov	er the who	e period 198	80–2010.
(ii)	 Iden 1	itify the two main	changes in	farm size ov	er the who	e period 198	80–2010.
(ii)	 Iden 1 2	tify the two main o	changes in	farm size ov	er the who	e period 198	30–2010.
(ii) (iii)	 Iden 1 2	itify the two main	changes in	farm size ov	er the who	e period 198	30–2010.
	 Iden 1 2	tify the two main	changes in	farm size ov	rer the who	e period 198).
	 Iden 1 2	tify the two main	one of the o	farm size ov	rer the who	e period 198).

	(iv)		plain how farm size can affect production on farms in Pakistan. You should develour answer.	Э
		••••		
				•
			[4	.]
(c)	(i)	Stu	dy Photograph B (Insert).	
		Α	Name the crop shown in this photograph.	
		В	Give one reason why this crop can be grown in many areas of Pakistan.	
		C	Describe one natural requirement for a high yield of this crop.	
				;]
	(ii)		gar cane is an important crop grown in Pakistan. Suggest two reasons why there i increased demand for this crop.	S
		1		
		۷	[2	

(d)

A huge area, 4–7 million hectares or one-fifth to one-third of the total agricultural area of Pakistan, has seen yields decreased or crops lost completely due to waterlogging and salinity.

Evaluate whether it is possible to prevent agricultural land being damaged by waterlogging and salinity. Give reasons to support your judgement and refer to examples you have studied. You should consider different points of view in your answer.
[6]

4 (a) Study Fig. 5, which is a map of southern Pakistan.

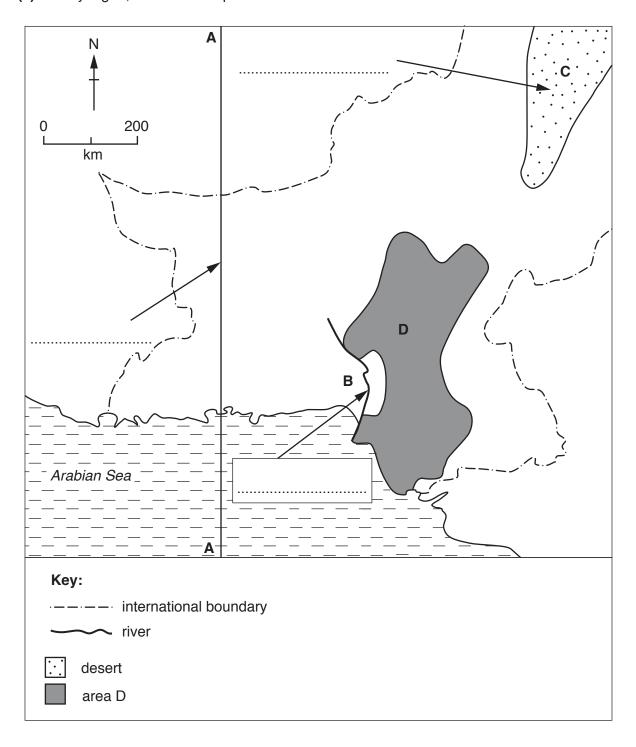


Fig. 5

(1)	On the map name the following: Line of longitude A–A; River B, Desent C.	[၂၂
(ii)	Describe the natural topography (relief) of Area D on the map.	

[3]
[2]

(b) Study Fig. 6, which shows the road types in the road network of Pakistan's National Highway Authority in 2016.

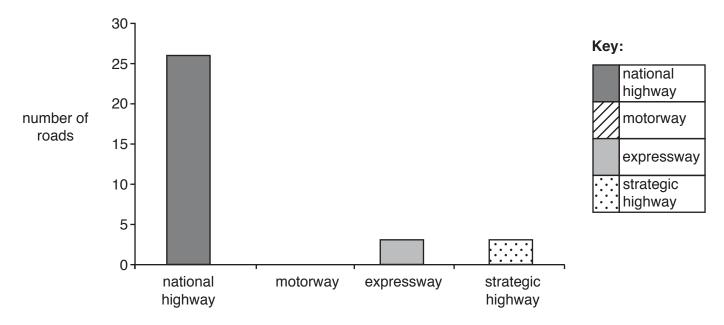


Fig. 6

(i)	What is meant by the term 'road network'?					
	[4]					

(ii) Complete Fig. 6 by drawing the bar for the motorway, using the information below and the key provided:

Road type	Number of roads	
Motorway	7	

(111)	are fewer roads in the mountainous areas of Pakistan. You should develop your answer.
	[4]
(c) (i)	Name one type of tree grown on plantations in Pakistan.
(ii)	Describe three physical factors which influence the distribution of forests.
()	1
	2
	3
	[3]

(d)	Evaluate whether developments in transport networks benefit or create problems for the people and the natural environment in Pakistan. Give reasons to support your judgement and refer to examples you have studied. You should consider benefits and problems in your answer.
	[6]

5 (a) Study Fig. 7, which shows climate data for Lahore, Punjab. Lahore has a monsoon climate.

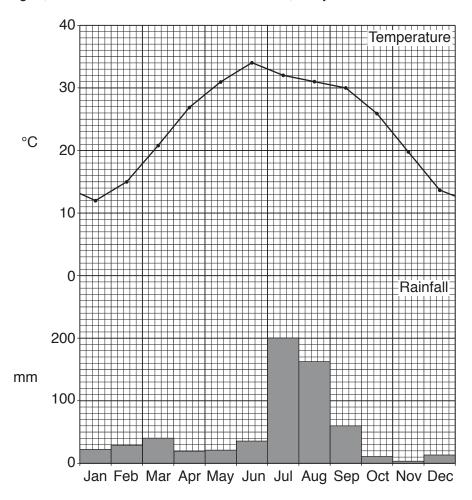


Fig. 7

(1)	what is meant by the term 'monsoon'?	
(ii)	How does Fig. 7 show that the climate in Lahore is typical of a monsoon climate?	
/:::\	Cive reasons why Lahara has more rainfall in July than in December	[2]
(iii)	Give reasons why Lahore has more rainfall in July than in December.	

(b) Study Fig. 8, which shows the percentage of the population working in Pakistan in 2013–14.

percentage of population working	Male	Female
Rural	69	29
Urban	66	10

Fig. 8

(i) Tick two correct statements about Fig. 8 in the table below.

Statement	Tick (✓)
The percentage of female population working in urban areas is larger than in rural areas.	
The percentage of male population working in rural areas is smaller than in urban areas.	
The percentage of males working is greater than females.	
The percentage of people working in rural areas is greater than in urban areas.	

(ii) Suggest reasons for the differences in the percentage of the population working between rural and urban areas.

[2]

(iii)	Explain the advantages of mechanisation in small-scale industries in Pakistan. You should develop your answer.
	[4]
(c) (i)	A provincial capital city regularly has the lowest temperatures in Pakistan. Name this city.
	[1]
(ii)	Describe four impacts of low temperatures on people who live and work in mountain areas.
	1
	2
	3
	4
	[4]

) R	ead the following two views abou	ıt possibilities for	air transport improvement	s in Pakistan:
	Α		В	1
	It is better to build more runways at Jinnah Airport, Karachi, Pakistan's largest city.		It is better to build airports smaller cities such as Sial and Nok Kundi.	
1				
W	hich view do you agree with n ensider View A and View B in you	nore? Give reas	ons to support your answ	er. You should
	risider view A and view bill you	ariswer.		
•••				
•••				
		•••••		

[TOTAL: 25]

.....[6]

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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