

Cambridge International Examinations

Cambridge International General Certificate of Secondary Education

CANDIDATE NAME					
CENTRE NUMBER			CANDIDATE NUMBER		

723806984

PAKISTAN STUDIES 0448/02

Paper 2 The Environment of Pakistan

May/June 2018

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. 1.2 and 1.3 for Question 1 and Figs. 3.1 and 3.2 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.



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

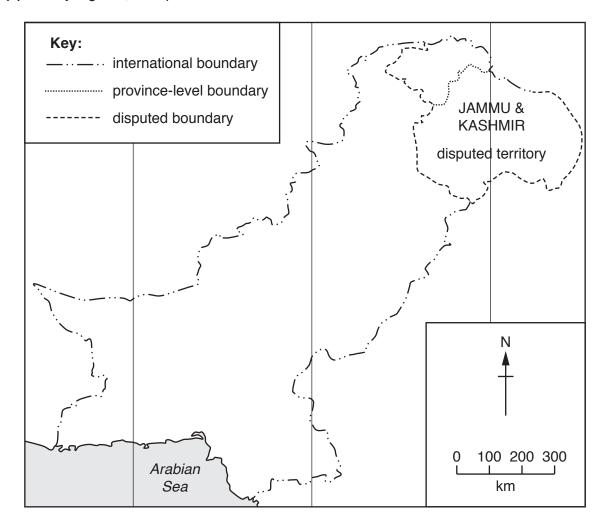


Fig. 1.1

(i) On Fig. 1.1, label the following: Afghanistan; India; Line of longitude 70°E
You should write the name in the correct location on the map.

(ii) On Fig. 1.1, draw and label the Tropic of Cancer.
(iii) Describe Pakistan's location in relation to other countries in South and Central Asia.

(b)	(i)	Study Fig. 1.2 (Insert). Describe the main features of the desert area shown in the photograph.
		[3]
	(ii)	Explain the challenges of living in a desert area, such as that shown in Fig. 1.2. You should develop your answer.
		[4]
	(iii)	Study Fig. 1.3 (Insert). State two features of the climate typical of the environment shown in the photograph.
		1
		2[2]
(c)	Sug	gest two ways in which latitude affects the climate of Pakistan.
		ાંગ

(d)	Evaluate the extent to which the natural topography of Pakistan limits human activity and economic development in the north of the country. Give reasons to support your judgement and refer to examples you have studied. You should consider different points of view in your answer.
	[6]

[TOTAL: 25]

2 (a) (i) Study Fig. 2.1, a map showing forest types in Pakistan.

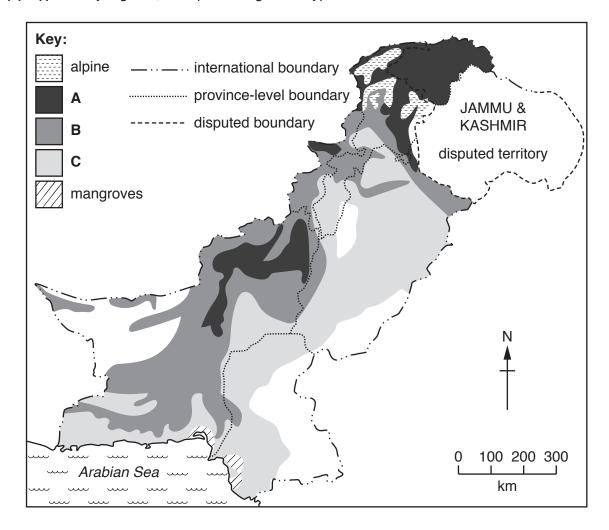


Fig. 2.1

	Name the forest types shown at A , B and C :	
	A	
	В	
	C	[3
(ii)	Using Fig. 2.1, name two areas in Pakistan where mangroves grow.	
	1	
	2	[2

(b) (i)	Describe two natural characteristics of mangrove forests.	
		[2]
(ii)	Describe two functions of forests.	
		[2]
(iii)	Suggest three physical factors which determine the type and density of forests.	

(c) (i) Study Fig. 2.2, which shows a coniferous tree.



Fig. 2.2

	Explain how this type of tree has adapted to the climatic conditions it grows in. You should develop your answer.
	[4]
ii)	State three causes of deforestation in Pakistan.
	1
	2
	3[3]

(d) Around 5 per cent of the land area of Pakistan is forested. To meet sustainable development targets the amount of land covered by forest needs to increase to 25 per cent by 2030. Read the following two views about possible uses of land in Pakistan:

Α

Increased forest cover is an important use of land for the future development of Pakistan.

В

There are more important uses of land for the future development of Pakistan than increased forest cover.

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.
IDI

[TOTAL: 25]

3

(a)	(i)	Define the term 'livestock farming'.	
	(ii)	State two uses of livestock on farms.	
		1	
		2	.[2]
(b)	(i)	Study Fig. 3.1 and Fig. 3.2 (Insert), photographs showing different types of livestock.	
		Identify and name the type of livestock shown in each figure.	
		Fig. 3.1	
		Fig. 3.2	[2]
	(ii)	Name two products from the livestock shown in Fig. 3.1.	
		1	
		2	[2]
	(iii)	Describe the benefits of rearing the livestock shown in Fig. 3.1 and Fig. 3.2.	
			[3]

(c) (i) Study Fig. 3.3, a map showing the main regions of Pakistan where buffalo are kept.

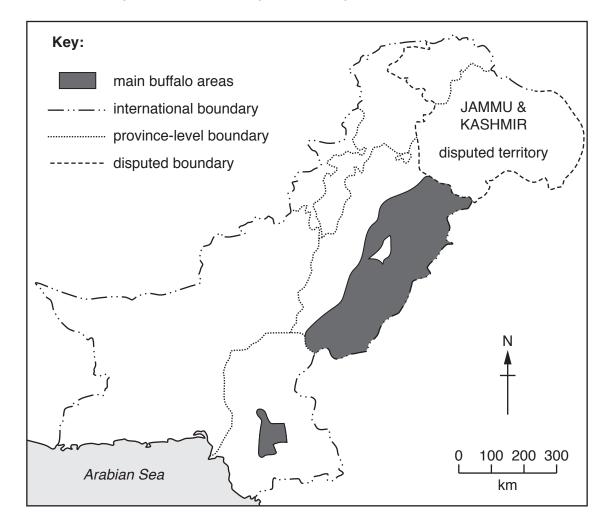


Fig. 3.3

Using Fig. 3.3 and your own knowledge, describe the distribution of buπaio in Pakistan.
[3]

(ii)	Suggest two reasons why buffalo are kept in these regions.
	[2]
(iii)	Explain how natural factors can create problems for buffalo farmers. You should develop your answer.
	[4]

(d) The government has encouraged the growth of commercial poultry farming since 1964. There have been some challenges but different strategies have been introduced to further develop

this type of farming in Pakistan.
Evaluate the extent to which commercial poultry farming in Pakistan has overcome its challenges and developed further. Give reasons to support your judgement and refer to examples you have studied. You should consider the challenges and the strategies used in your answer.
[6]

[TOTAL: 25]

BLANK PAGE

4 (a) (i) Study Fig. 4.1, a map showing the location of selected textile industries in Pakistan.

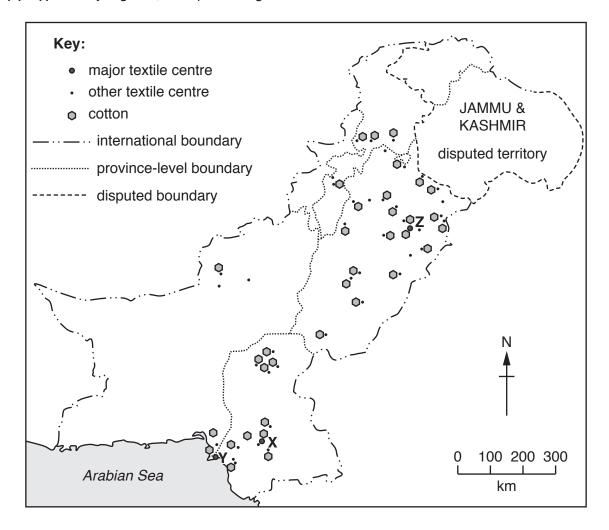


Fig. 4.1

	Name the three major textile centres labelled X, Y and Z on Fig. 4.1.	
	X	
	Υ	
	z	[3]
(ii)	Describe the location of the major textile centre labelled Y on Fig. 4.1.	
		[0]

(b) (i)	Define the term 'secondary industry'.
	[1]
(ii)	State a feature of each of the following types of industry:
	cottage industries;
	small-scale industries;
	large-scale industries.
	[3]
(iii)	State three reasons for the location of the cotton textile industries in Pakistan.
	1
	2
	3
	[3]

(c) (i) Study Fig. 4.2, a diagram showing three of the processes involved in the spinning of cotton.

Describe processes A, B and C in the boxes on Fig. 4.2.

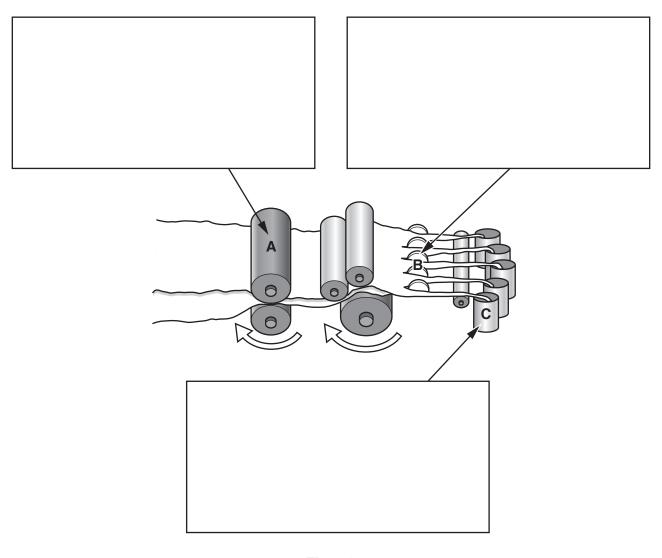


Fig. 4.2

Explain why the cotton textile industry is important to Pakistan. You should develop your answer.

[3]

© UCLES 2018 0448/02/M/J/18

(ii)

(d) Although cotton textiles is Pakistan's largest industry, it still faces challenges if it is to increase its global market share. Read the following two views about some of the challenges to the cotton textile industry in Pakistan:

Α

Load shedding of electricity is a major challenge to the growth of the cotton textile industry.

В

Lack of skilled labour is a major challenge to the growth of the cotton textile industry.

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.
[6]

5 (a) Study Fig. 5.1, which is a diagram of the Demographic Transition Model.

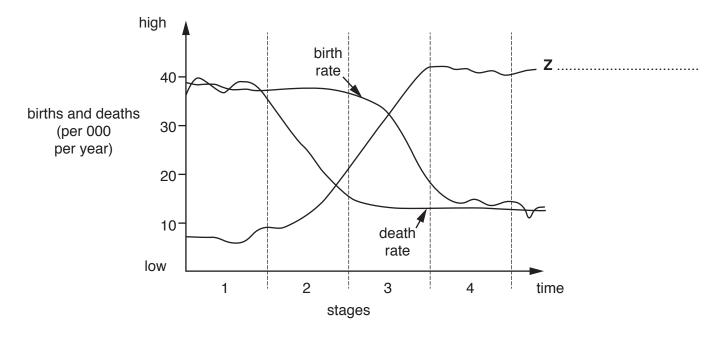


Fig. 5.1

(i)	Add a suitable label for line Z on Fig. 5.1.	[1]
(ii)	Describe the changes that occur in Stage 2 of the Demographic Transition Mode Fig. 5.1.	el in
		[2]

(b)	(i)	Suggest three reasons for a high and fluctuating death rate in Pakistan during Stage 1 of the Demographic Transition Model.
		1
		2
		3
		[3]
	(ii)	Explain two reasons for a fall in the birth rate in Pakistan during Stage 3 of the Demographic Transition Model. You should develop your answer.

(c)	(i)	Define the term 'population density'.
		[1

(ii) Study Fig. 5.2, a map showing the population density of Pakistan.

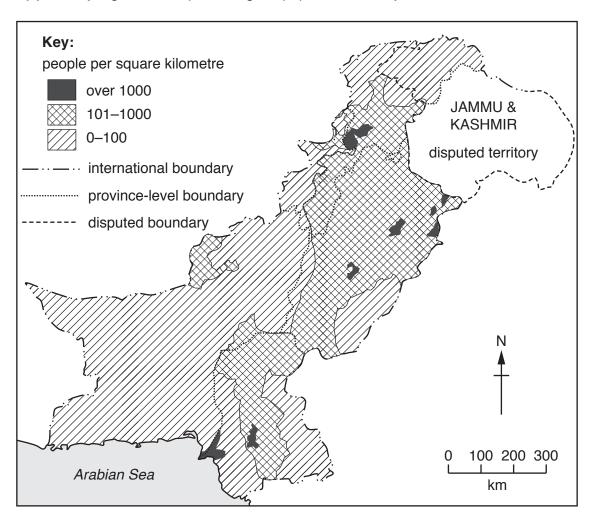


Fig. 5.2

Describe the population density of Pakistan.		
	[J.	
	ı	

(iii)	i) Suggest reasons for the variation in population density in Pakistan as shown in Fig. 5.2	
	[5]	

(d)	Pakistan's population is predicted to double by 2050 if population growth continues at the current rate.
	Evaluate whether it will be possible for the government to support the population of Pakistan in the future. Give reasons to support your judgement and refer to examples you have studied. You should consider different points of view in your answer.
	[6]

[TOTAL: 25]

Additional Pages

If you use the following lined pages to complete the answer(s) to any question(s), the question number(s) must be clearly shown.	ЭN
	•••
	•••
	•••
	•••
	•••
	•••
	•••
	•••
	•••
	•••
	•••

The boundaries and names shown, the designations used and the presentation of material on the maps contained in this question paper/insert do not imply official endorsement or acceptance by Cambridge International Examinations concerning the legal status of any country, territory, or area or of its authorities, or of the delimitation of its frontiers or boundaries.

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge International Examinations Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cie.org.uk after the live examination series.

Cambridge International Examinations is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.