



Cambridge O Level

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PAKISTAN STUDIES

2059/02

Paper 2 The Environment of Pakistan

October/November 2024

1 hour 30 minutes

You must answer on the question paper.

You will need: Insert (enclosed)
Ruler

INSTRUCTIONS

- Answer **three** questions.
- Use a black or dark blue pen.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do **not** write on any bar codes.
- If additional space is needed, you should use the lined page at the end of this booklet; the question number or numbers must be clearly shown.

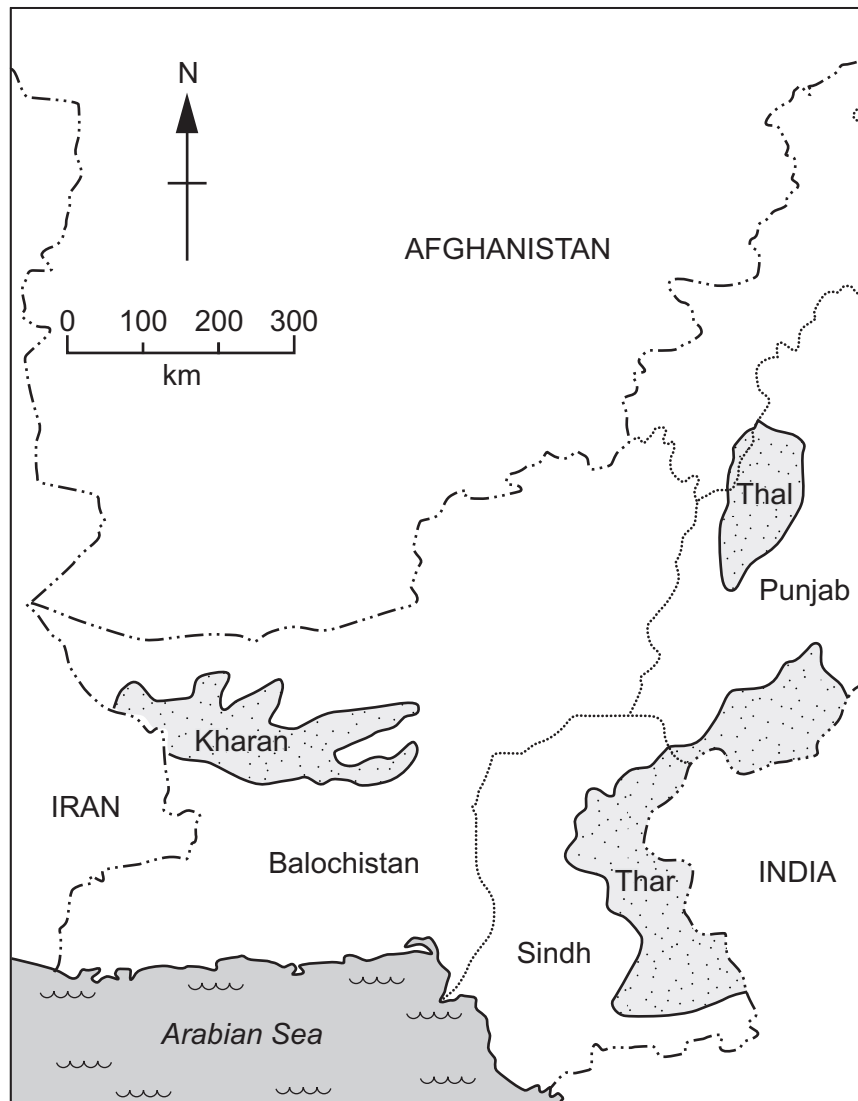
INFORMATION

- The total mark for this paper is 75.
- The number of marks for each question or part question is shown in brackets [].
- The insert contains additional resources referred to in the questions.

This document has **24** pages. Any blank pages are indicated.



- 1 (a) (i) Study Fig. 1.1, a map showing the locations of three deserts in southern and western Pakistan.



Key

- international boundary
- province-level boundary
-  desert

Fig. 1.1

Using Fig. 1.1 **only**, estimate the distance from east to west across the Kharan desert.

Circle the correct answer.

150 km 400 km 650 km

[1]

- (ii) Using Fig. 1.1 **only**, identify the desert which is:

- north-east of the Kharan desert
- located along the international border with India.

[2]





(iii) Describe **two** natural features of a desert landscape in Pakistan.

- 1
-
- 2
-
- [2]

(iv) Give **two** reasons why it is difficult to live in a desert in Pakistan.

- 1
-
- 2
-
- [2]

(b) (i) Study Figs. 1.2 and 1.3 (Insert), photographs of two different types of forest in Pakistan.

Using Figs. 1.2 and 1.3 **only**, identify **two** differences between the forests shown.

- 1
-
- 2
-
- [2]

(ii) Explain **two** physical factors that can affect the distribution of forests in Pakistan. You should develop your answer.

- 1
-
-
-
-
- 2
-
-
-
- [4]





(iii) Describe the importance of forests to people living in Pakistan.

.....

.....

.....

..... [2]

(c) (i) Define 'deforestation'.

.....

..... [1]

(ii) State **three** effects of deforestation in Pakistan.

1

.....

2

.....

3

..... [3]





Which method do you think would be more effective? Give reasons to support your answer and refer to examples you have studied. You should consider method 1 **and** method 2 in your answer.

[6]

[Total: 25]



2 (a) (i) Study Fig. 2.1 (Insert), a map of southern Pakistan.

Name the cities labelled **X**, **Y** and **Z** on Fig. 2.1.

X

Y

Z

[3]

(ii) Using Fig. 2.1 **only**, describe the distribution of barrages shown.

.....

.....

.....

.....

.....

.....

..... [3]

(iii) Give **one** reason for building a barrage and **one different** reason for building a dam.

barrage

.....

dam

.....

[2]

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- (b) (i) Study Fig. 2.2, a bar graph showing the minimum water requirements for selected crops in Pakistan.

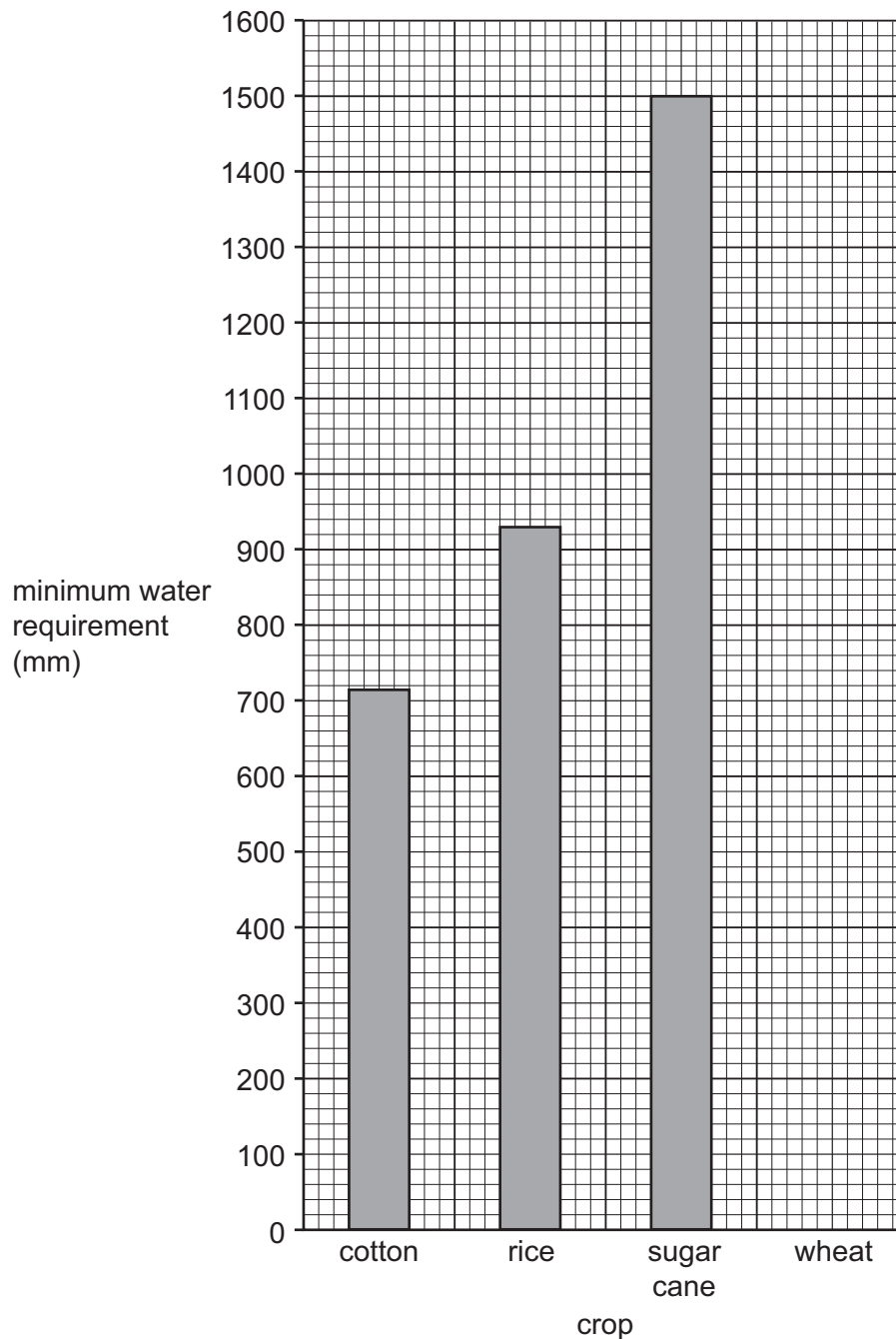


Fig. 2.2

Complete Fig. 2.2, using the information in the table.

crop	minimum water requirement (mm)
wheat	410

[1]

- (ii) Calculate the difference between the minimum water requirements for sugar cane and rice.

..... mm

[1]





- (iii) **Complete** Fig. 2.3 by using arrows to match the type of irrigation with the correct description. An example has been done for you.

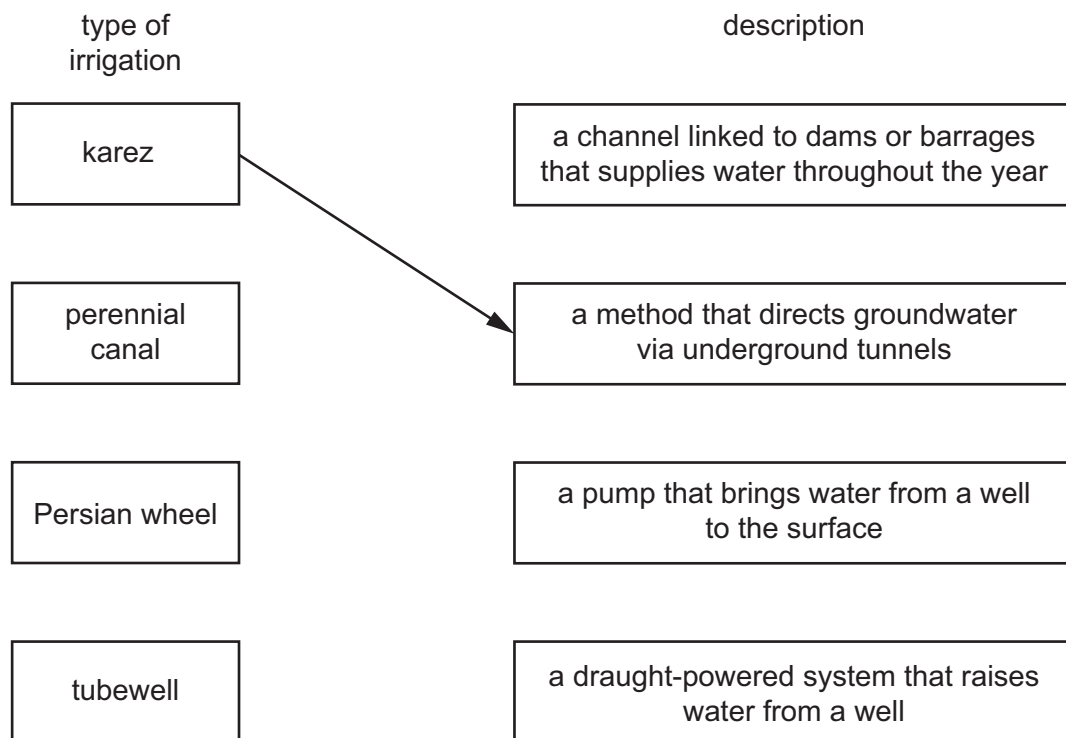


Fig. 2.3

[2]

- (iv) Explain **two** ways agricultural practices can damage the natural environment. You should develop your answer.

1

.....

.....

.....

2

.....

.....

.....

[4]





(c) (i) What is 'land reform'?

.....

..... [1]

(ii) Suggest how land reforms could increase agricultural production in Pakistan.

.....

.....

.....

..... [2]







3 (a) (i) Study Fig. 3.1 (Insert), a map of average wind speeds in southern and western Pakistan.

The locations labelled **U**, **V**, **W**, **X**, **Y**, **Z** on Fig. 3.1 are possible sites for generating wind power. Identify the **two** possible sites with the least potential for generating wind power.

1

2

[2]

(ii) Using Fig. 3.1 **only**, describe the distribution of areas with very high wind speeds.

.....

.....

.....

.....

.....

.....

.....

.....

[3]

(iii) Describe **two** advantages of using wind power to generate electricity in Pakistan.

1

.....

2

.....

[2]





(iv) Study Fig. 3.2, a diagram showing how wind power is used to generate electricity.

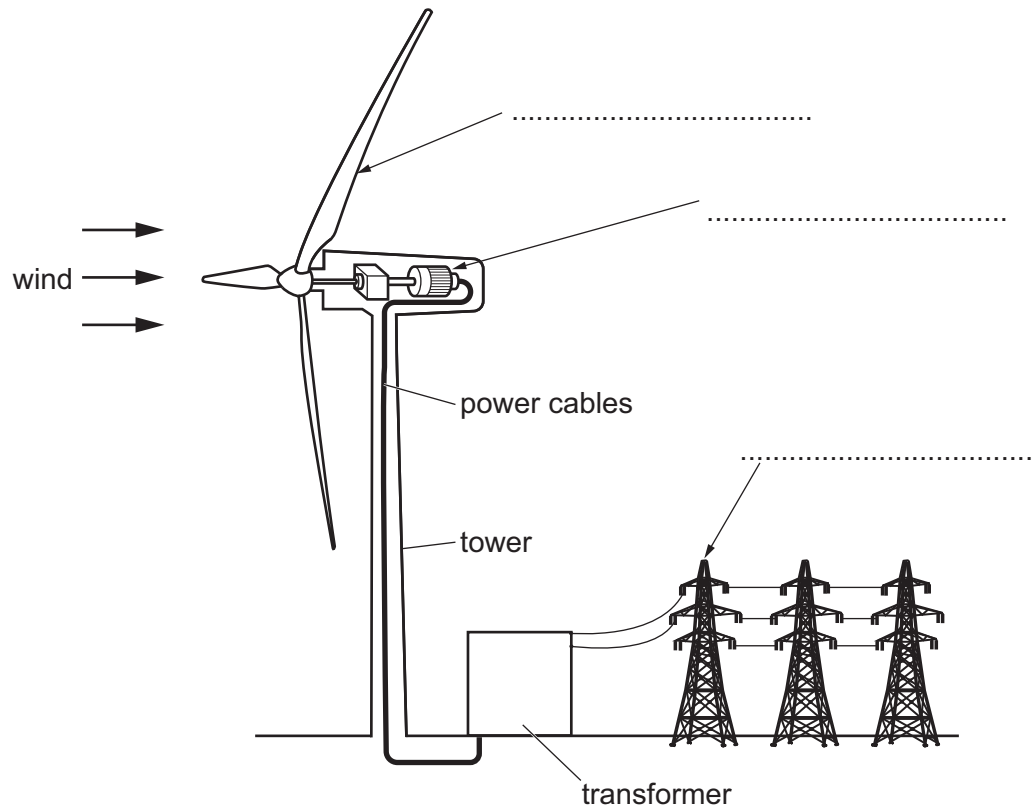


Fig. 3.2

Complete the labels on Fig. 3.2 in the spaces provided.

[2]

(b) (i) Oil is a non-renewable fuel. Name **one** other non-renewable fuel.

.....

[1]

(ii) Describe how crude oil is extracted.

.....

 [3]





(c) (i) State **two** methods used to transport oil over land in Pakistan.

1

2

[2]

(ii) Explain why it is necessary to import large amounts of oil to Pakistan. You should develop your answer.

.....

.....

.....

.....

.....

.....

.....

.....

..... [4]



To what extent do you agree with this statement? 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]

- 4 (a) (i) Study Fig. 4.1, a line graph showing information about population change in Pakistan from 1950 to 2020.

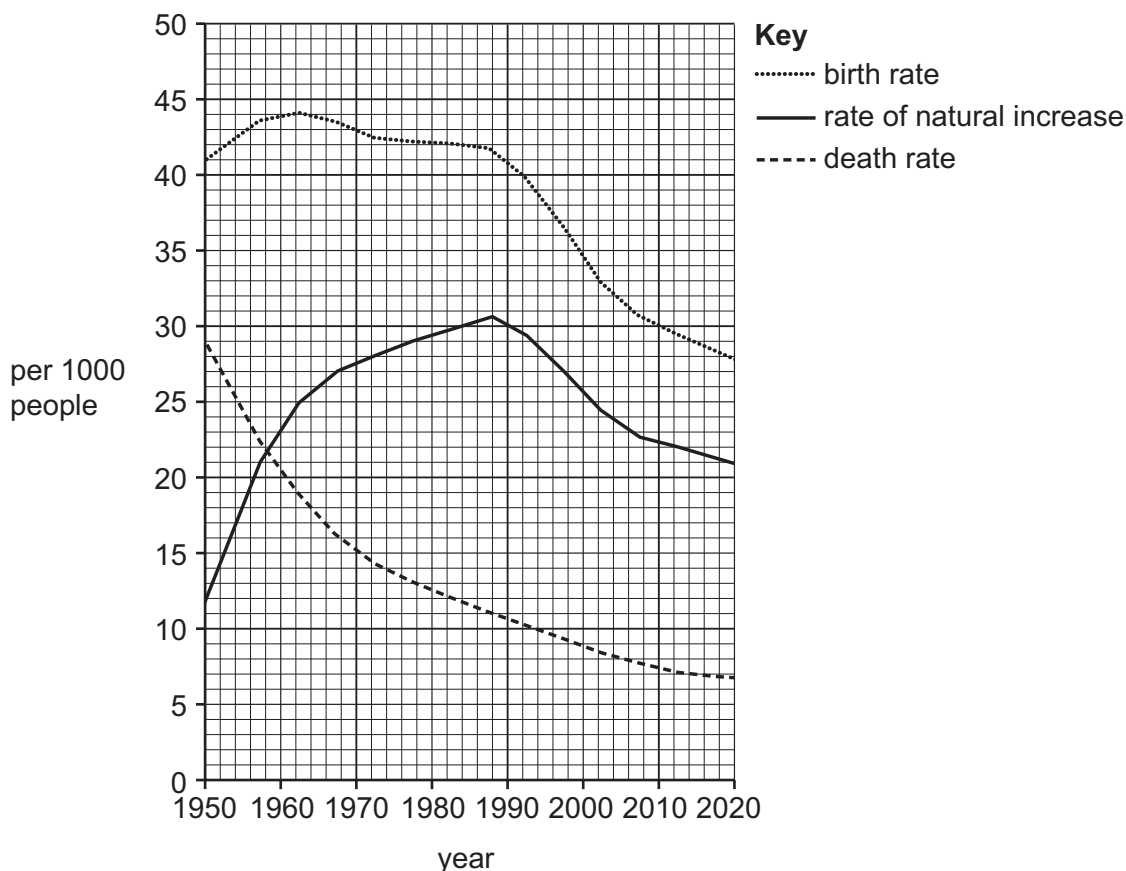


Fig. 4.1

Using Fig. 4.1 **only**, identify the:

- birth rate in 1950 per 1000 people
- death rate in 2010 per 1000 people
- year with the highest rate of natural increase

[3]

- (ii) State how the rate of natural increase is calculated.

..... [1]

- (iii) State **two** impacts of an increasing percentage of older dependents (people aged 60 and over) in Pakistan's population structure.

1

.....

2

.....

[2]





- (b) (i) Study Fig. 4.2, a bar graph showing the net migration rate for Pakistan between 1981 and 2021.

net migration = number of immigrants – number of emigrants

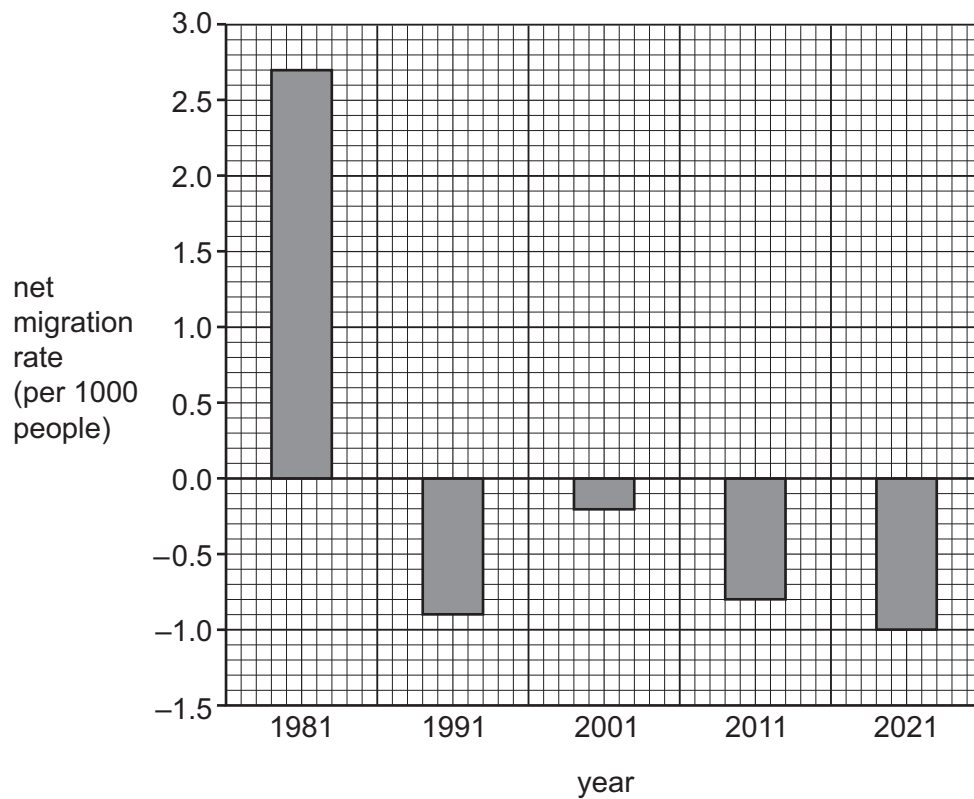


Fig. 4.2

Using Fig. 4.2 **only**, identify:

- a year where there were more immigrants than emigrants
- the net migration rate in 2011 per 1000 people

[2]





(ii) Explain **two** reasons why people may emigrate from Pakistan. You should develop your answer.

1

.....

.....

.....

2

.....

.....

.....

[4]

(c) (i) **Circle** the province in Pakistan with the highest population density.

Balochistan Punjab Sindh

[1]

(ii) State **two** physical and **two** economic factors which affect population density.

physical	economic
1	1
2	2

[4]

(iii) Choose **one** physical factor that you identified in (c)(ii) and describe how it affects population density.

physical factor

.....

.....

.....

.....

[2]



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International migration has the most impact on Pakistan's economic development.

[6]

[6]

[Total: 25]

- 5 (a) (i) Study Fig. 5.1, a divided bar graph showing the percentage of total employment in different sectors in Pakistan in 2009 and 2019.

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[2]

- (ii) Using Fig. 5.1, identify the percentage of the population working in the primary sector in 2019.

.....%

[1]

- (iii) Identify **two** jobs in each sector. In the table, tick (✓) **two** boxes in each column.

job	primary	secondary	tertiary
call centre worker			
carpet weaver			
doctor			
farmer			
miner			
steel worker			

[3]





- (iv) Give **three** reasons for the increase in employment in the secondary sector in Pakistan between 2009 and 2019.

1

.....

2

.....

3

.....

[3]

- (b) (i) Study Figs. 5.2 and 5.3 (Insert), photographs showing industries in Pakistan.

Using Figs. 5.2 and 5.3 **only**, describe **one** similarity and **one** difference between the industries shown.

similarity

.....

difference

.....

[2]

- (ii) Define 'manufactured'.

.....

..... [1]

- (iii) State **two** raw materials used by the surgical instruments industry in Pakistan.

1

2

[2]

- (iv) Describe **one** factor that influences the location of the surgical instruments industry.

.....

..... [1]





- (c) Suggest **two** factors that could affect the potential to develop tourism in an area of Pakistan. You should develop your answer.

1

.....

.....

.....

.....

2

.....

.....

.....

[4]



- Evaluate the importance of formal and informal employment for the tourism industry in Pakistan. 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]



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