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PAKISTAN STUDIES

0448/02

Paper 2 The Environment of Pakistan

May/June 2022

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 pages 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 **20** pages.



1 (a) (i) Study Fig. 1.1, a map of southern and western Pakistan.

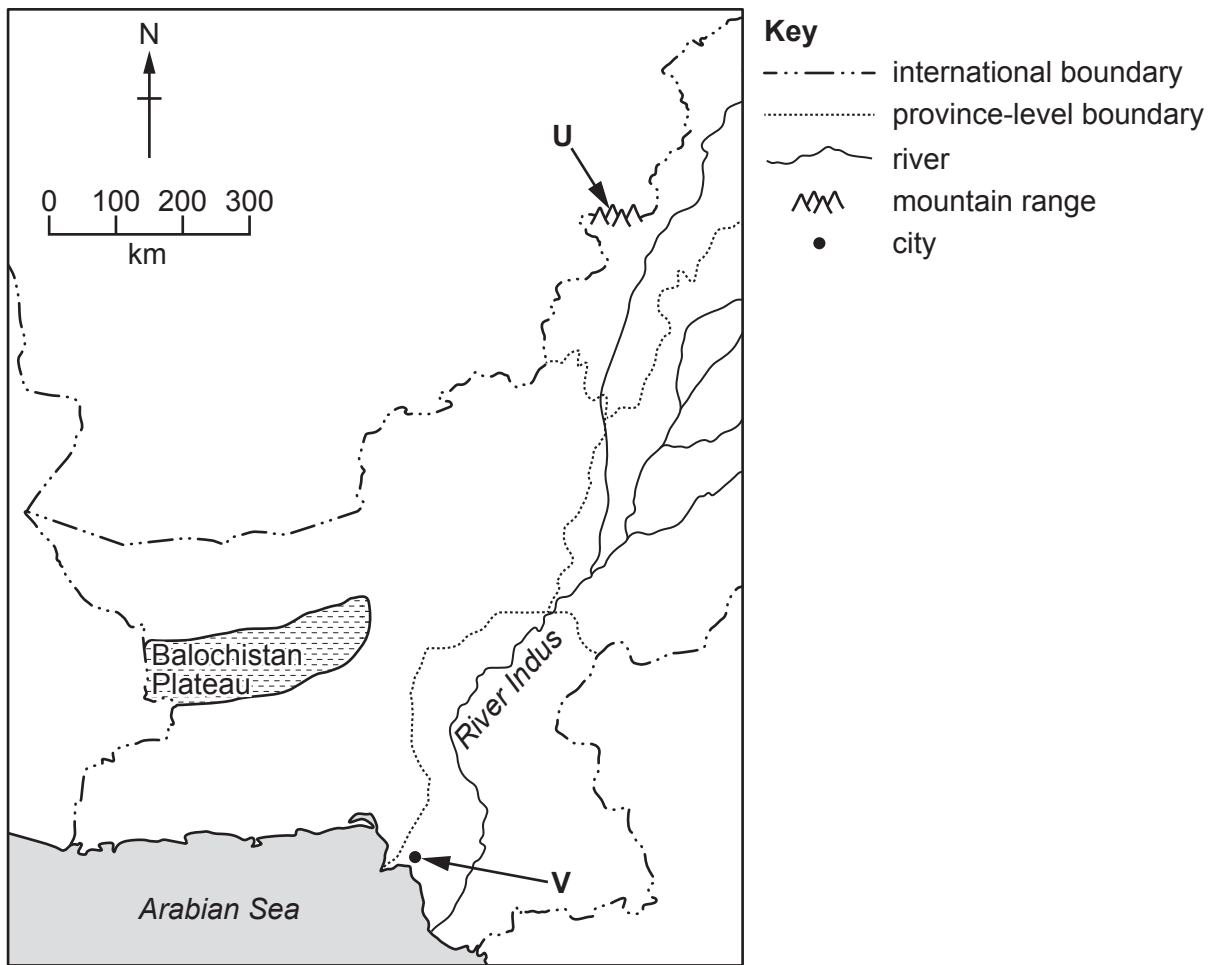


Fig. 1.1

Name landform **U** and city **V** shown in Fig. 1.1.

U

V

[2]

(ii) Suggest **two** reasons why it may be difficult to develop a large airport on the Balochistan Plateau.

1

.....

2

.....

[2]

(iii) Study Fig. 1.2 (Insert), a map showing the location of the airport in Peshawar. Using Fig. 1.2 **only**, describe the location of the airport.

.....
.....
.....
.....
.....
..... [3]

(iv) State **two** improvements that have recently taken place in air communications in Pakistan.

1

2 [2]

(b) (i) Describe **two** features of large-scale industry.

1

2 [2]

(ii) Using Fig. 1.2 (Insert) **and** your own knowledge, suggest **two** advantages of locating a new large-scale industry at **W**.

1

2 [4]

(c) Explain how large-scale industries can increase economic development in Pakistan. You should develop your answer.

.....

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.....

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.....

..... [4]

2 (a) (i) Study Fig. 2.1, a map showing three desert areas in southern and western Pakistan.

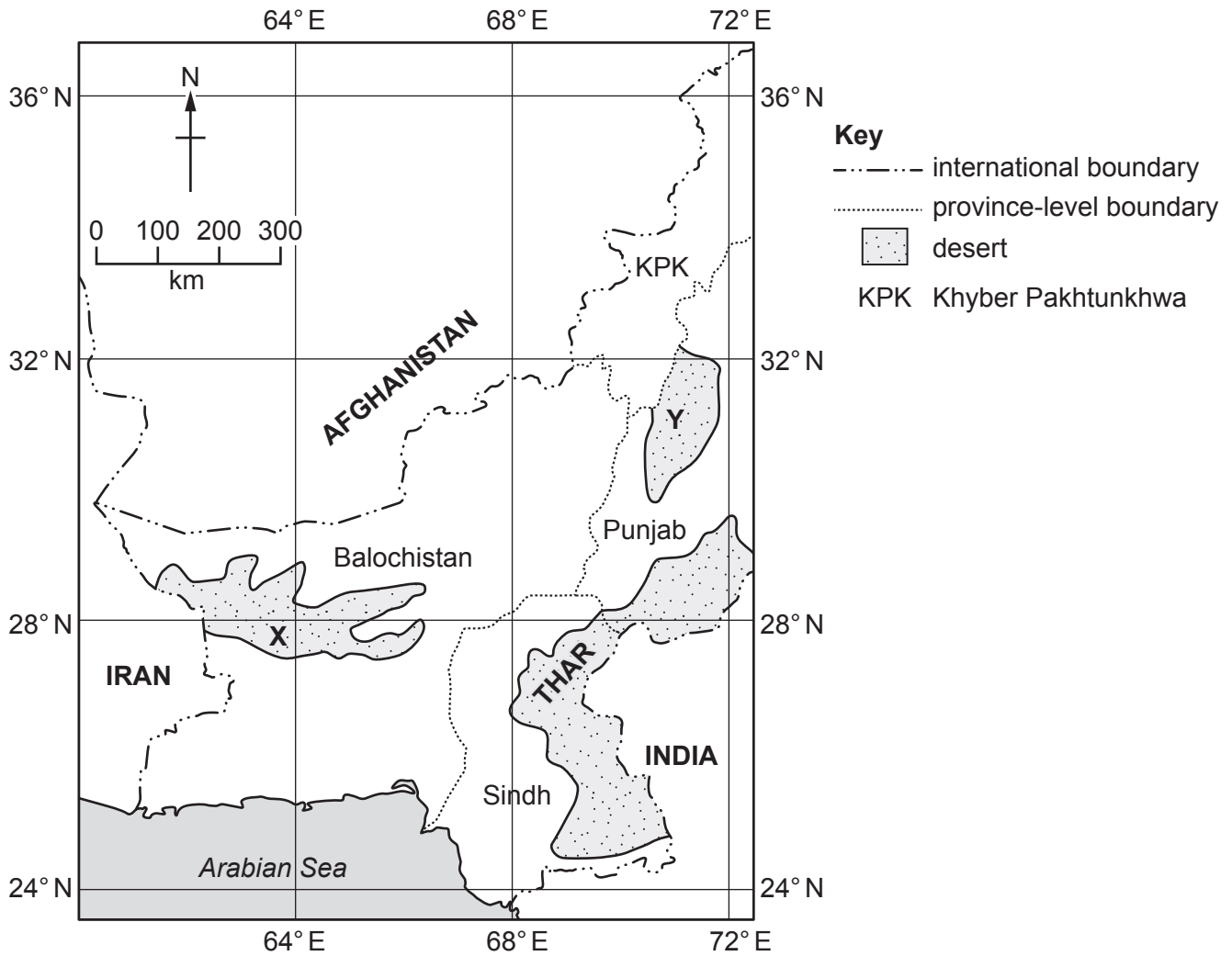


Fig. 2.1

Name **either** desert X or desert Y.

letter chosen name of desert [1]

(ii) Using Fig. 2.1 **only**, describe the location of the desert named in (a)(i) above.

.....
.....
.....
.....
.....
..... [3]

(iii) Study Fig. 2.2 (Insert), a photograph of part of the Thar desert. Using Fig. 2.2 **only**, state **two** features of the desert shown.

1

2

[2]

(b) Explain how desert areas influence the development of road networks in Pakistan. You should develop your answer.

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

[4]

(c) (i) Describe the effect of latitude on day length and temperature in Pakistan.

day length

.....
.....
.....

temperature

.....
.....
.....

[4]

- (ii) Which of the following factors cause seasonal variations in Pakistan's climate? Tick (✓) **two** boxes in the table below:

| factor | tick (✓) |
|----------------|----------|
| air pressure | |
| land use | |
| rainfall | |
| soil type | |
| temperature | |
| water quality | |
| wind direction | |

[2]

- (iii) Describe the characteristics of an arid climate in Pakistan.

.....

.....

.....

.....

.....

.....

..... [3]

3 (a) (i) Study Fig. 3.1, a diagram showing three methods of coal extraction.

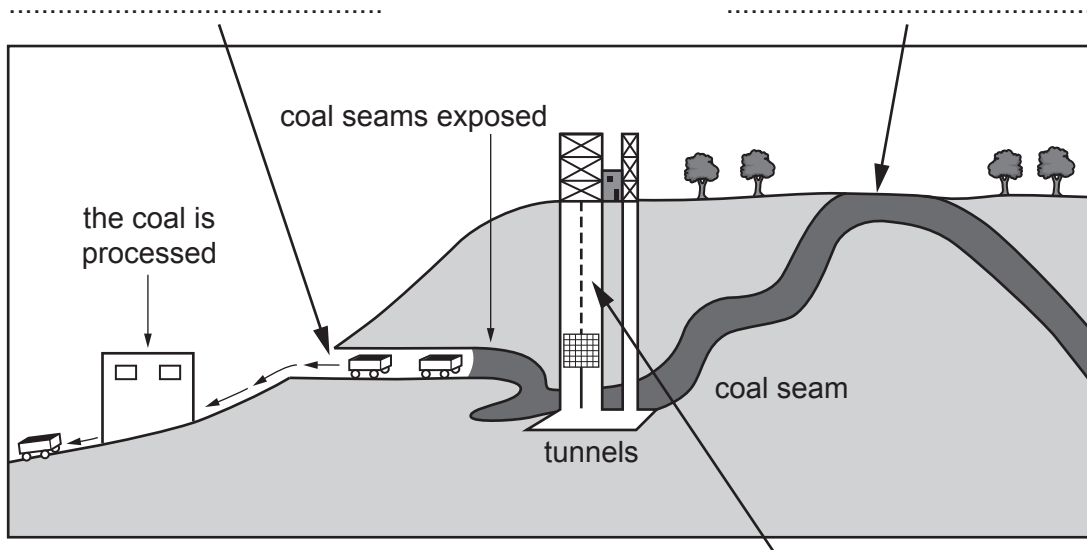


Fig. 3.1

Name the **three** methods of coal extraction shown in Fig. 3.1 in the spaces provided. [3]

(ii) Study Fig. 3.2 (Insert), a photograph of a mine in Pakistan. Using Fig. 3.2 **only**, identify **two** features of the mine shown.

1

2

[2]

(iii) Suggest how coal is extracted from the type of mine shown in Fig. 3.2.

.....

[2]

(b) (i) Define 'renewable' and 'non-renewable'.

renewable

.....

non-renewable

.....

[2]

(ii) **Complete** the table to classify by type (renewable or non-renewable), the energy resources listed below.

coal gas hydel oil solar wind

| renewable | non-renewable |
|-----------|---------------|
| | |
| | |
| | |

[3]

(iii) Study Fig. 3.3, a pie chart showing the percentage share by value of Pakistan’s energy sources.

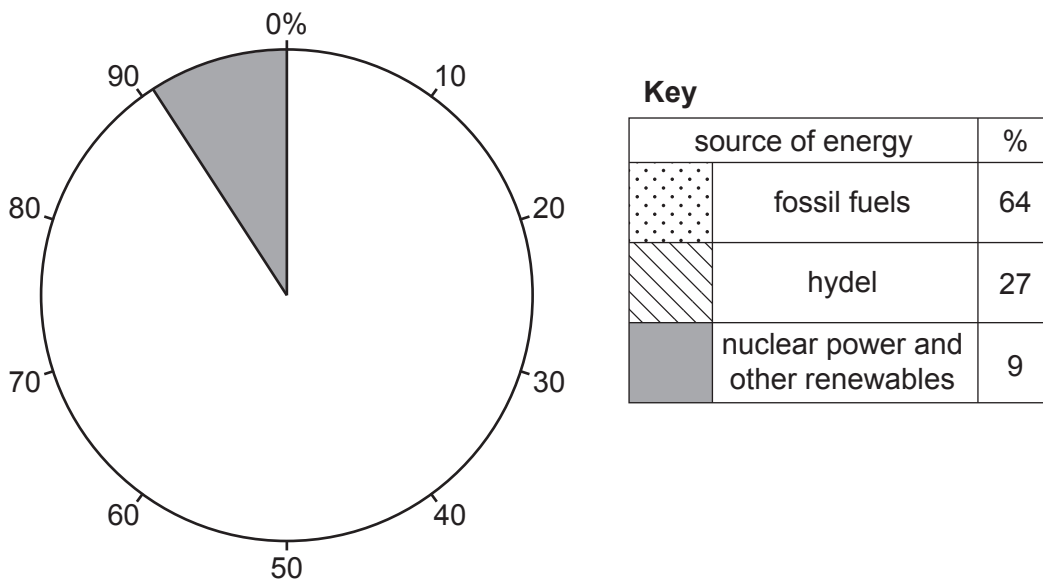


Fig. 3.3

Complete Fig. 3.3 using the information in the key.

[3]

(c) Explain **one** advantage and **one** disadvantage of generating electricity using solar power. You should develop your answer.

advantage.....

.....

disadvantage

.....

[4]

4 (a) (i) Complete the table to define the three main types of farming in Pakistan.

| type | definition |
|-------|--|
| | farming is the growing of crops for sale. |
| | farming is the production of food and raw materials from animals. |
| | farming is the production of food mainly for personal consumption. |

[3]

(ii) Study Fig. 4.1, a map showing the areas in southern and western Pakistan where one type of livestock is mainly kept.

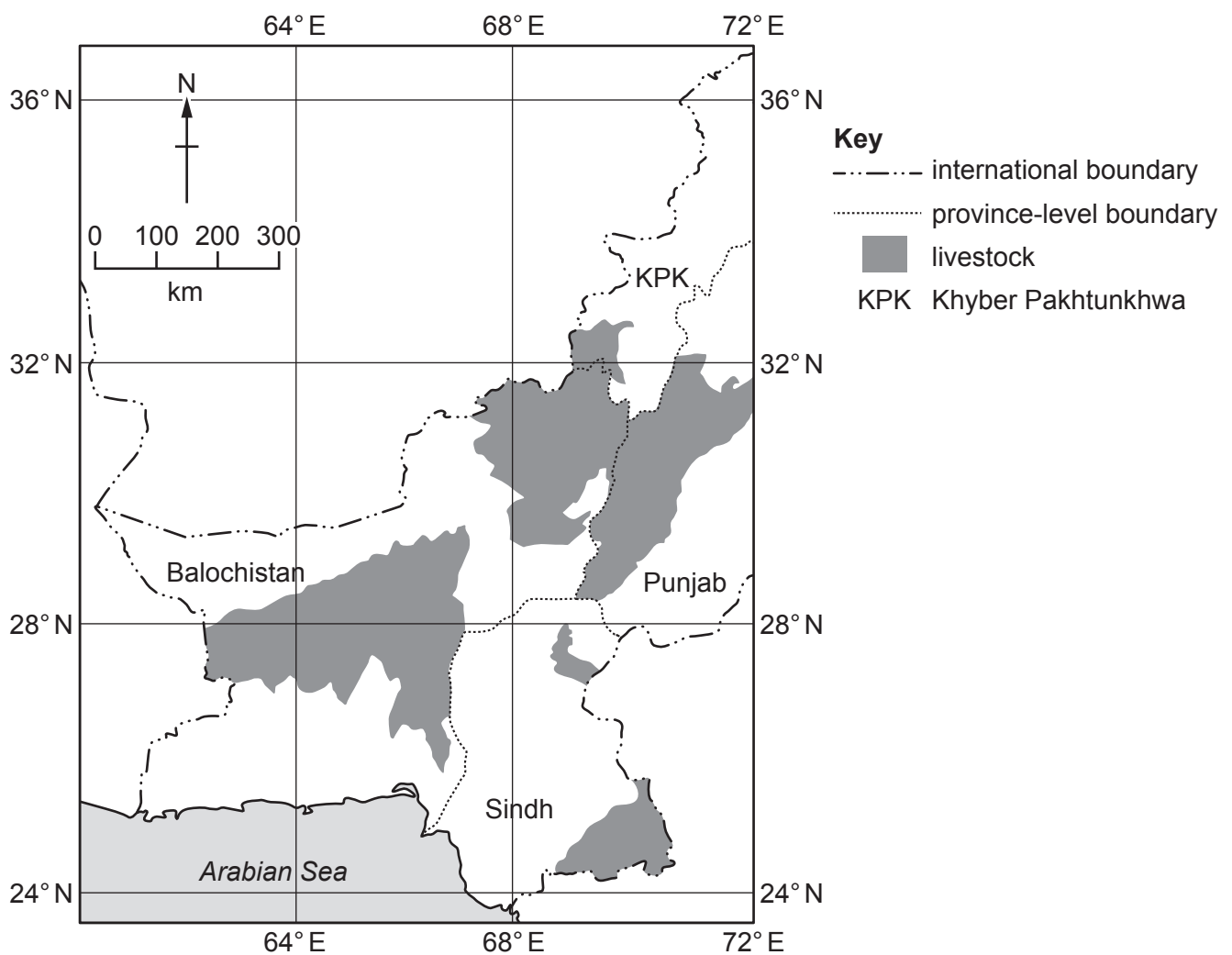


Fig. 4.1

State the type of livestock mainly kept in the areas shown in Fig. 4.1.

.....

[1]

(iii) Using Fig. 4.1 **only**, describe the distribution of the areas within southern and western Pakistan where the livestock is mainly kept.

.....

.....

.....

.....

.....

.....

..... [3]

(b) (i) Study Fig. 4.2, a divided bar graph showing the percentage share by value of major crops grown in Pakistan.

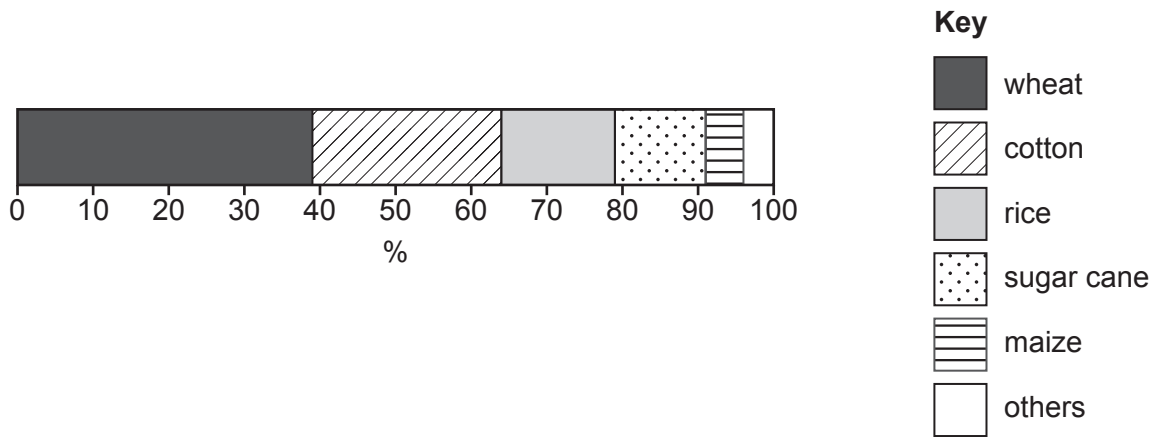


Fig. 4.2

Using the information in Fig. 4.2 **only**:

– which crop accounts for a quarter of the value of major crops? [1]

– what is the percentage share of sugar cane? % [1]

(ii) State **one** major use for each of the crops below:

cotton

rice

tobacco

[3]

- (c) (i) Explain how the natural factors of soil and climate affect the growth of cotton. You should develop your answer.

soil

.....

.....

.....

.....

climate

.....

.....

.....

[4]

- (ii) **Complete** the passage below about tobacco farming in Pakistan. Choose the correct words from the list and place them in the spaces provided.

- Azad Jammu & Kashmir (AJ&K) Balochistan domestic
- export Gilgit-Baltistan import
- Khyber Pakhtunkhwa (KPK) Punjab Sindh

Tobacco is mainly grown in and
..... . The varieties of tobacco grown on fertile
soils with irrigation facilities are for the market.

[3]

5 (a) (i) Define 'population distribution'.

.....
.....
.....
..... [2]

(ii) Study Fig. 5.1 (Insert), a map showing average annual population change by district in southern and western Pakistan between 1998 and 2017.

Using Fig. 5.1 **only**, describe the distribution of the districts within southern and western Pakistan with over 4 per cent annual population change.

.....
.....
.....
.....
..... [3]

(iii) Suggest **two** reasons for the annual population change of the district labelled **Z** in Fig. 5.1.

1
.....
2
..... [2]

(b) (i) Study Fig. 5.2 (Insert), a photograph of part of a tent city in Pakistan.

Using Fig. 5.2 **only**, describe **two** features of the area shown.

1
.....
2
..... [2]

(ii) State **two** reasons for the growth of tent cities in Pakistan.

1

2

[2]

(iii) Describe **four** problems faced by many people living in tent cities.

1

.....

2

.....

3

.....

4

.....

[4]

(c) Explain **two** strategies which could be used to improve living conditions in existing tent cities in Pakistan. You should develop your answer.

1

.....

.....

.....

2

.....

.....

.....

[4]

