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0448/02

May/June 2016

1 hour 30 minutes

Candidates answer on the Question Paper.

READ THESE INSTRUCTIONS FIRST

DO **NOT** WRITE IN ANY BARCODES.

The number of marks is given in brackets [] at the end of each question or part question.

This document consists of **22** printed pages, **2** blank pages and **1** insert.

1 (a) Study Fig. 1 which is a map of northern Pakistan.

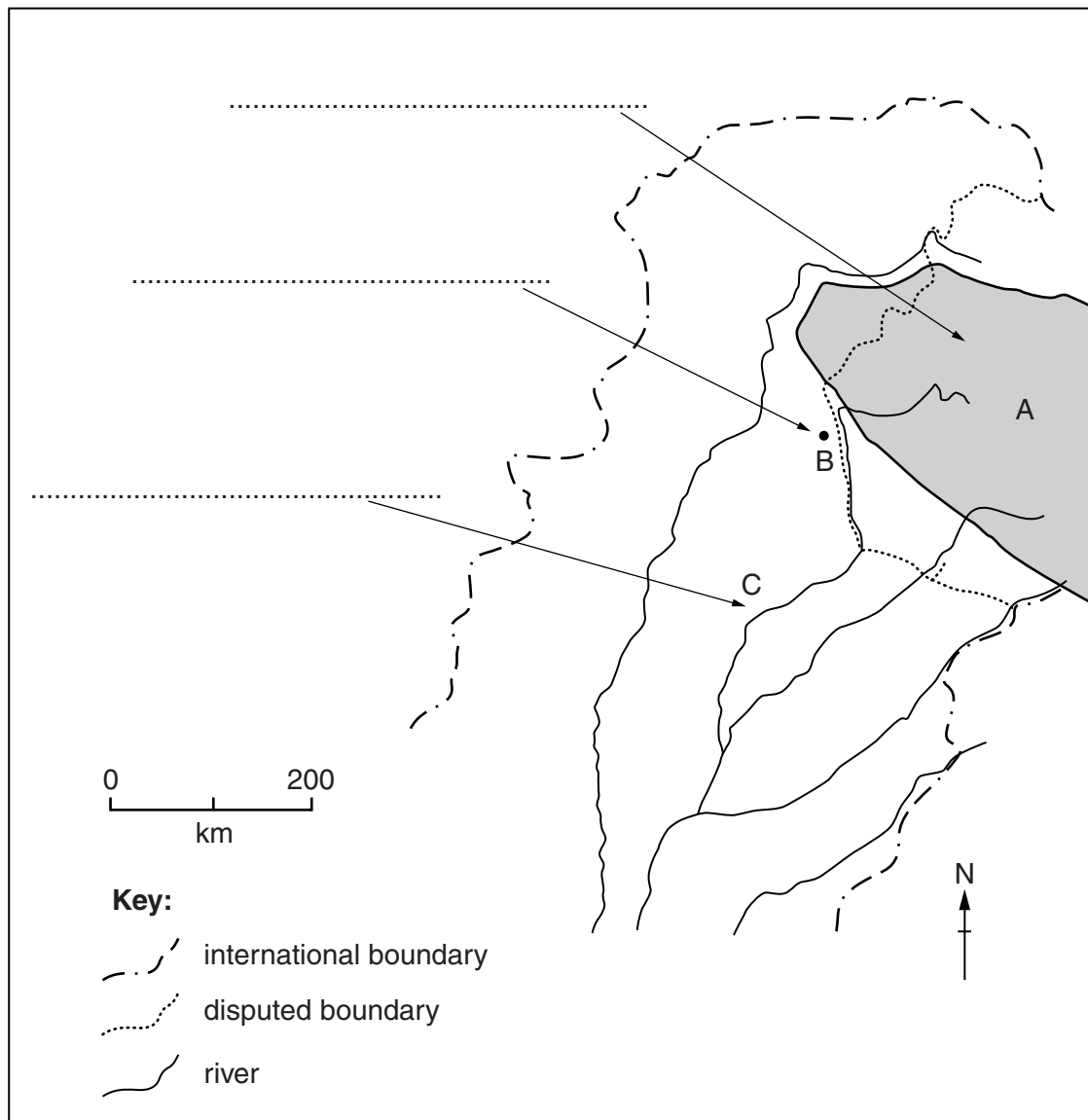


Fig. 1

(i) **On the map** name the following:

- Mountain range A
- City B
- River C

[3]

- (ii) Explain the causes of high rainfall at city B.

.....

.....

.....

.....

.....

.....

.....

.....[4]

- (b) (i) What is meant by the term 'population density'?

.....

.....[1]

- (ii) Which province in Pakistan has the highest population density?

.....[1]

- (iii) Explain the physical factors that cause areas such as the province you named in (ii) to have a high population density.

.....

.....

.....

.....

.....

.....

.....

.....[4]

(c) Study Fig. 2 (Insert) which shows two population pyramids for Pakistan.

(i) What information is displayed in a population pyramid?

.....

.....

.....

.....[2]

(ii) Identify **two** ways in which Pakistan's population structure is forecast to change between 2014 and 2040.

1

.....

2

.....[2]

(iii) Give **one** possible reason for **each** change identified in (ii).

1

.....

2

.....[2]

- 2 (a) (i) Suggest **one** reason why farming is more productive on flat land.

.....
[1]

- (ii) Many processes are involved in rice cultivation. **In the boxes below**, place the following processes in the order in which they occur.

flooding

sowing

draining

transplanting

1	ploughing
2	
3	
4	
5	
6	harvesting

[2]

- (iii) Explain how **one** of the processes you named in (ii) is carried out on a small-scale subsistence farm.

Process

Explanation

.....

[3]

- (iv) Describe the natural factors needed to produce the highest yields of rice.

.....

[3]

(b) Study Fig. 3 (Insert) which gives information about the Gross Domestic Product (GDP) of Pakistan for 2014 by sector.

(i) State what might be in categories A and B in Fig. 3.

A

B[2]

(ii) For **one** sector in Fig. 3 explain how its contribution to GDP could be increased.

Sector

Explanation

.....

.....

.....[2]



-

.....[2]

- [4]

For some in Chitral Valley this tunnel will be of real benefit but for others it will create problems.

To what extent does the Lowari Tunnel benefit or create problems for the local people and economy of Chitral? Give reasons for your answer.

[6]

[TOTAL: 25]

3 (a) Study Fig. 5 which gives information about employment in Pakistan by sector.

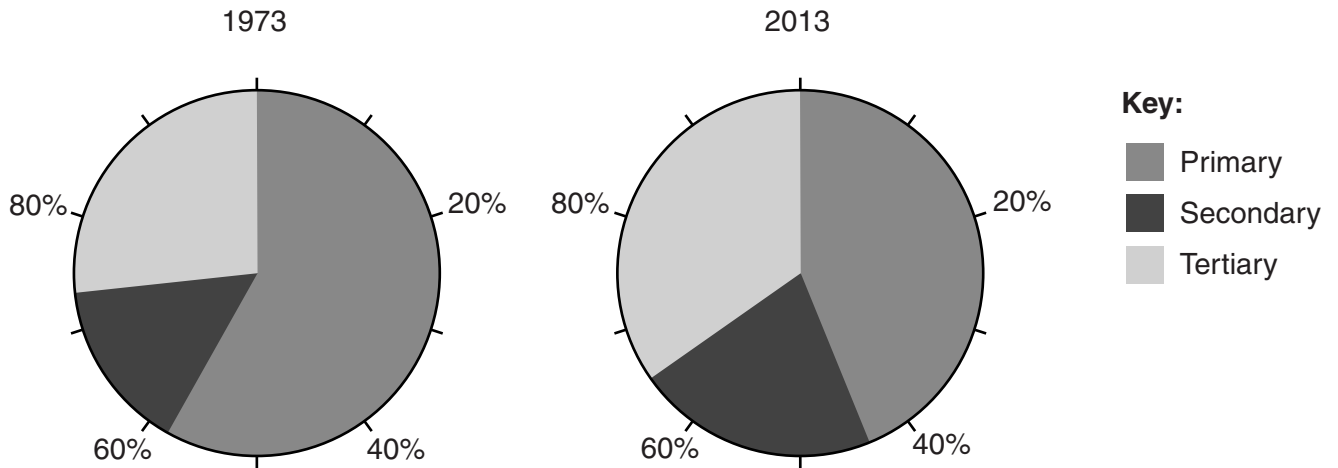


Fig. 5

(i) A. State the proportion of primary sector employment in 1973.

.....

B. By how much has secondary employment increased between 1973 and 2013?

.....[2]

(ii) Suggest reasons for the change in tertiary employment shown in Fig. 5.

.....

.....

.....

.....

.....

.....[3]

- (b) (i) What are the causes of unemployment and underemployment in urban areas of Pakistan?

.....

.....

.....

.....

.....

.....[3]

- (ii) Suggest **two** reasons why unemployment is difficult to measure in countries such as Pakistan.

1

.....

2

.....[2]

- (c) (i) Study Fig. 6 which shows the distribution in Pakistan of selected cottage industries and the engineering industry.

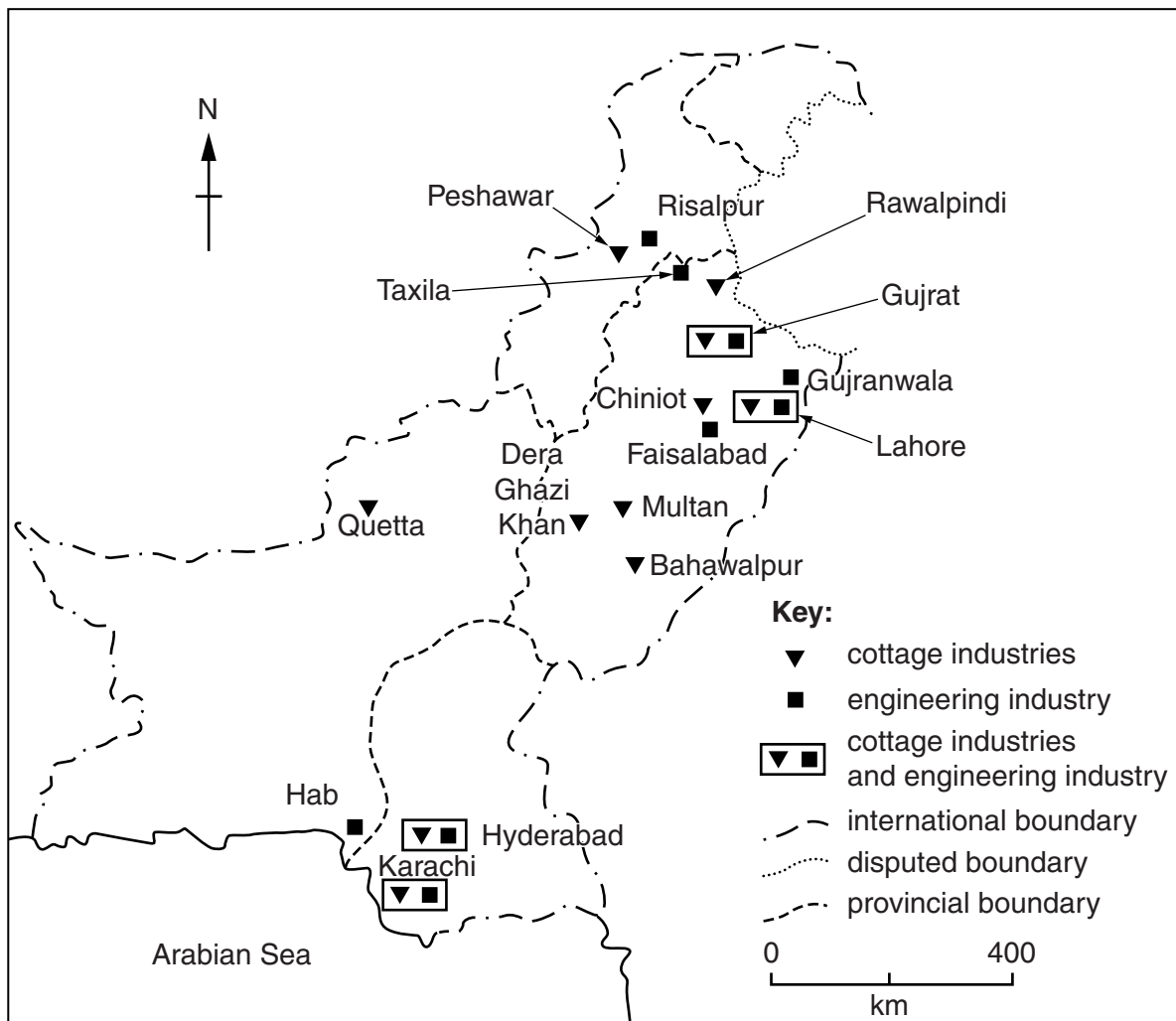


Fig. 6

A. Give an example of a cottage industry.

.....[1]

B. Compare the distribution of cottage industries and engineering industry as shown in Fig. 6.

.....

.....

.....

.....

.....

.....[3]

- (ii) For the products of **either** cottage industry **or** engineering industry, identify your chosen industry and circle a suitable method of transport.

Chosen industry

air road ship rail [1]

- (iii) Suggest **one** advantage of using this method of transport for your selected industry.

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

- (iv) Explain what is meant by the term 'small-scale industry'.

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

(d) Read the following two views about possibilities for industrial development in Pakistan.

A

It is better for Pakistan to promote large-scale industries which provide more goods for domestic use and for other industries.

B

It is better for Pakistan to promote small-scale and cottage industries in rural areas.

Which view do you agree with more? Give reasons to support your answer and refer to places or examples you have studied.

.....[6]

[TOTAL: 25]

- 4 (a) (i) Study Fig. 7 which is a diagram of an HEP (Hydel) power station.

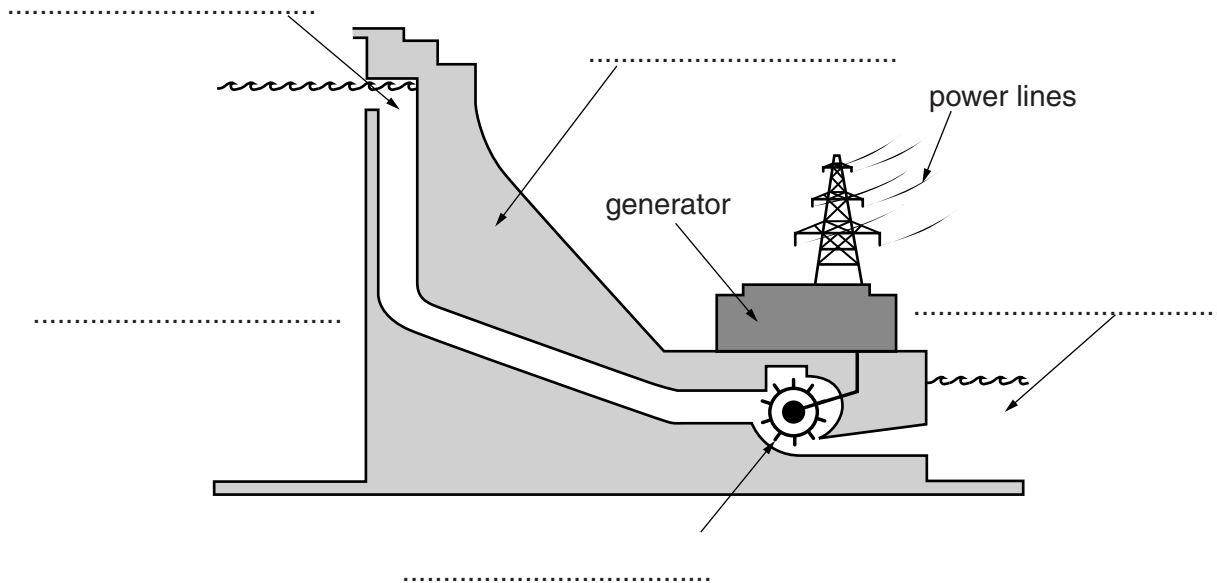


Fig. 7

A. **On the diagram** place an arrow or arrows to indicate the direction of movement of water through the power station.

B. Choose **two** terms from the list below and use them to label the diagram in **two** of the spaces provided.

outflow turbine reservoir dam [3]

(ii) Name **one** multi-purpose dam in Pakistan.

.....[1]

(iii) Give **two** uses for a dam such as the one you named in (ii).

1

2[2]

- (b) (i) Study Photograph A (Insert). Identify the type of forest vegetation shown in the photograph.

.....[1]

- (ii) Study Fig. 8 which gives information about different types of forested area in Pakistan.

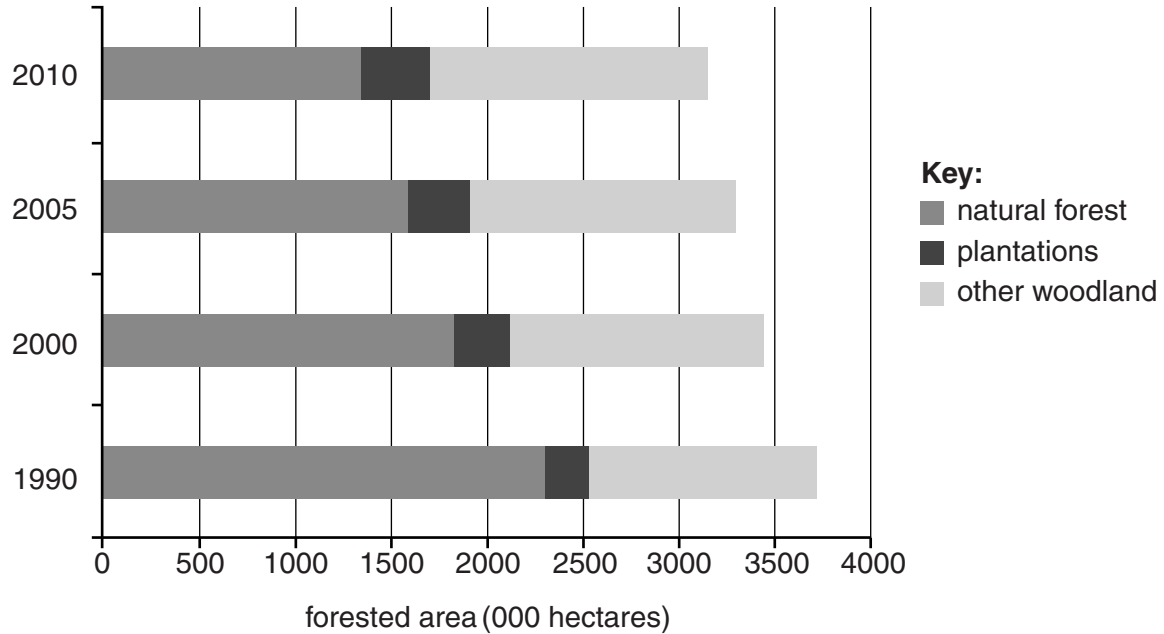


Fig. 8

Describe **one** main change in forested area over the period shown.

.....
[1]

- (iii) State the main difference between natural forest and plantations.

.....
[1]

- (iv) In 2014 about 4.2% of the land area of Pakistan was covered in forest. Explain why more forests need to be planted in the Indus Plain.

.....

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.....[5]

- (c) (i) Name **two** fishing ports on the Makran Coast.

1

2[2]

- (ii) Describe the methods used in commercial marine fishing.

.....

.....

.....

.....

.....

.....[3]

- (d)** To what extent is it possible for marine fishing to be developed sustainably in Pakistan? Give reasons to support your answer.

.....[6

[TOTAL: 25]



- Line of longitude A
- River B
- City C

[3]

-[4

(b) (i) What are Export Processing Zones (EPZs)?

.....
[1]

(ii) Describe the features of an EPZ.

.....

[3]

(c) Study Fig. 10 which gives information about the number of internet users and telephone lines in Pakistan.

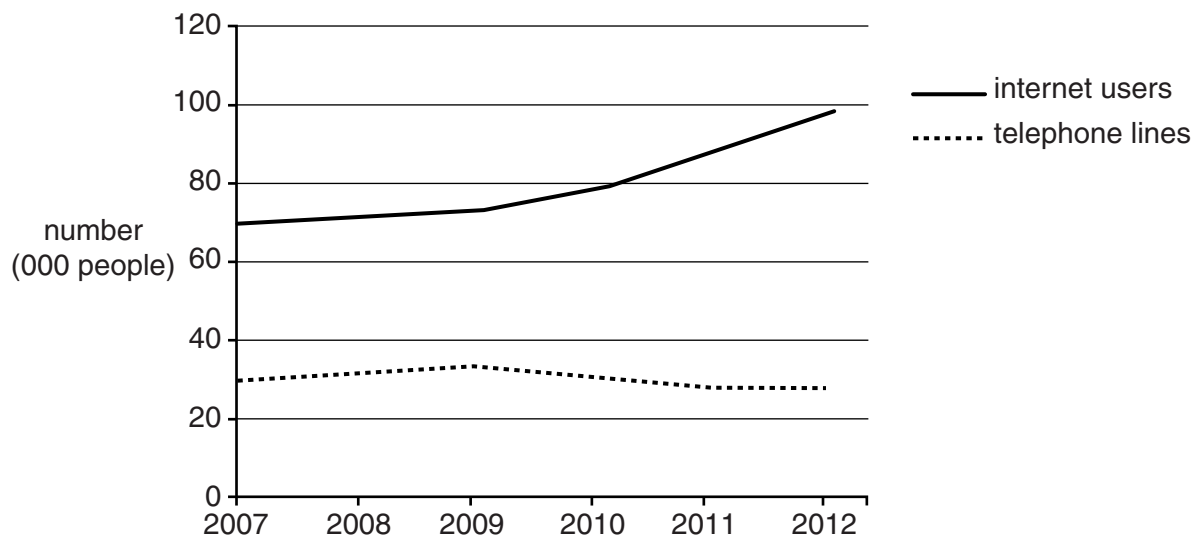


Fig. 10

- (i) How many more people were using the internet in 2012 than in 2007?

.....[1]

- (ii) A. Describe **one** difference between the number of internet users and the number of telephone lines over the period 2007 to 2012.

.....

.....

- B. Suggest **one** reason for the change in the number of telephone lines over the same period.

.....[2]

- (iii) What problems might there be in extending Information Technology (IT) throughout Pakistan?

[5]

Unemployment levels are best reduced by increasing training opportunities in agriculture and other primary sector jobs.

Unemployment is more likely to be reduced by providing education in skills for the manufacturing and service industries.

[6]

[TOTAL: 25]

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