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2059/02

May/June 2014

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 **18** printed pages, **2** blank pages and **1** insert.

- 1 (a) Study Fig. 1, a graph showing wheat production and cultivation.

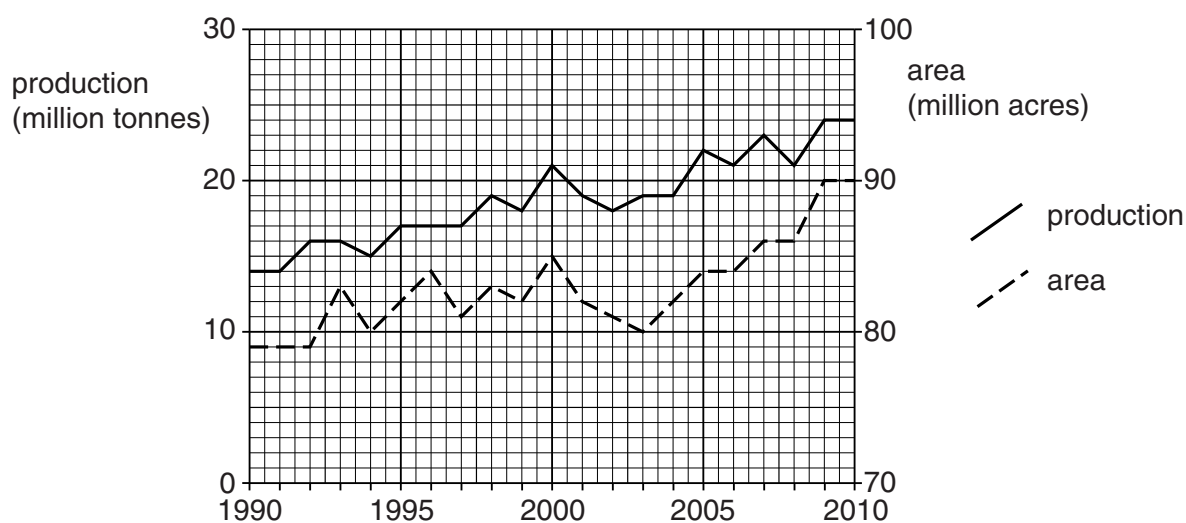


Fig. 1

- (i) By how much did wheat production increase from 1991 to 2010?

..... [1]

- (ii) By how much did the area of wheat cultivation increase from 1991 to 2010?

..... [1]

- (iii) Compare the production of wheat from 1991 to 2000 with the production from 2001 to 2010.

.....

.....

.....

..... [2]

- (iv) To what extent was the amount of wheat produced related to the cultivated area from 1991 to 2010?

.....

.....

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.....

.....

..... [3]

- (b) (i)** Circle the months in which most wheat is grown in Pakistan.

OCTOBER – MAY

JUNE – SEPTEMBER

[1]

- (ii)** Explain why the climate at this time is most suitable for wheat farming.

.....[3]

- (c)** Why are waterlogging and salinity called ‘the twin menaces for farmers’?

.....[2]

- (d)** Describe the ways in which damage by waterlogging and salinity can be prevented.

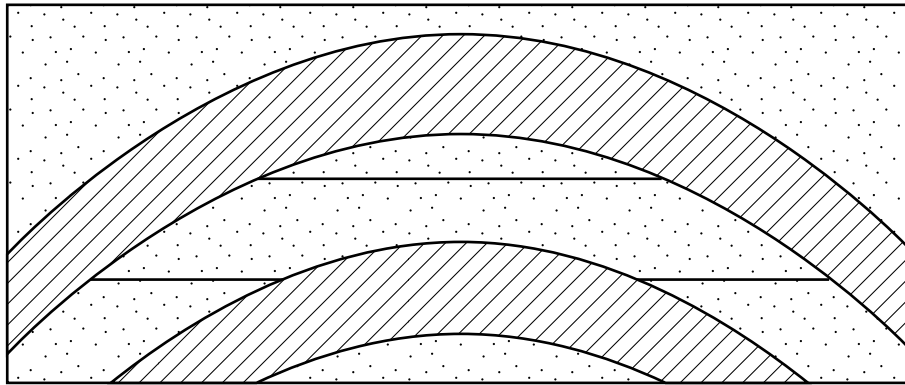
.....[6

(e) To what extent can better education and training increase farm production?

[6]

[Total: 25]

- 2 (a) Study Fig. 2, a cross section showing an oil trap.



Key:  porous rock
 non-porous rock

Fig. 2

- (i) Label on the diagram

A the layer of rock containing oil.
 B the layer of rock containing gas.

[2]

- (ii) What is meant by the term 'porous rock'?

.....
[1]

- (iii) Why is the feature in Fig. 2 called 'an oil trap'?

.....

[2]

(b) Study Fig. 3 which shows the uses of oil.

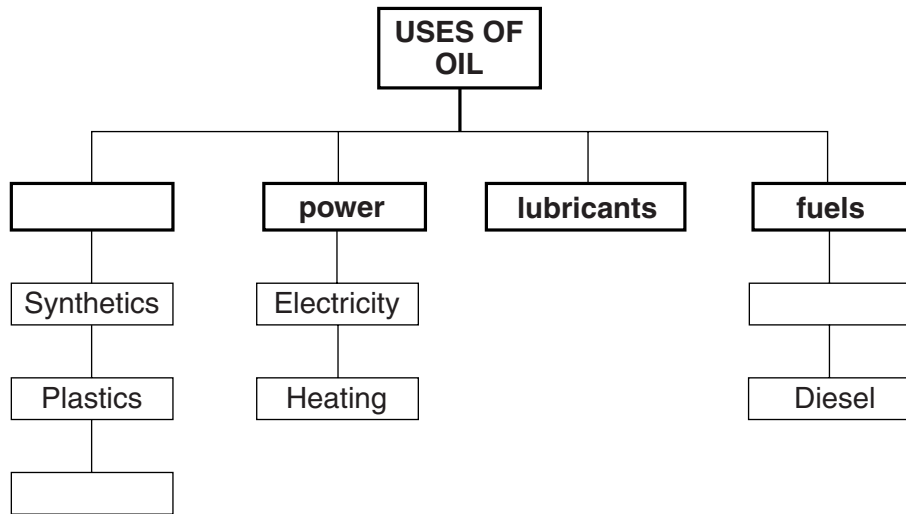


Fig. 3

Choose **three** of the following terms below to complete Fig. 3.

by-products

raw materials

pesticide

petrol

biogas

bagasse

[3]

(c) Study Fig. 4, a map showing oil refineries and pipelines in Pakistan.

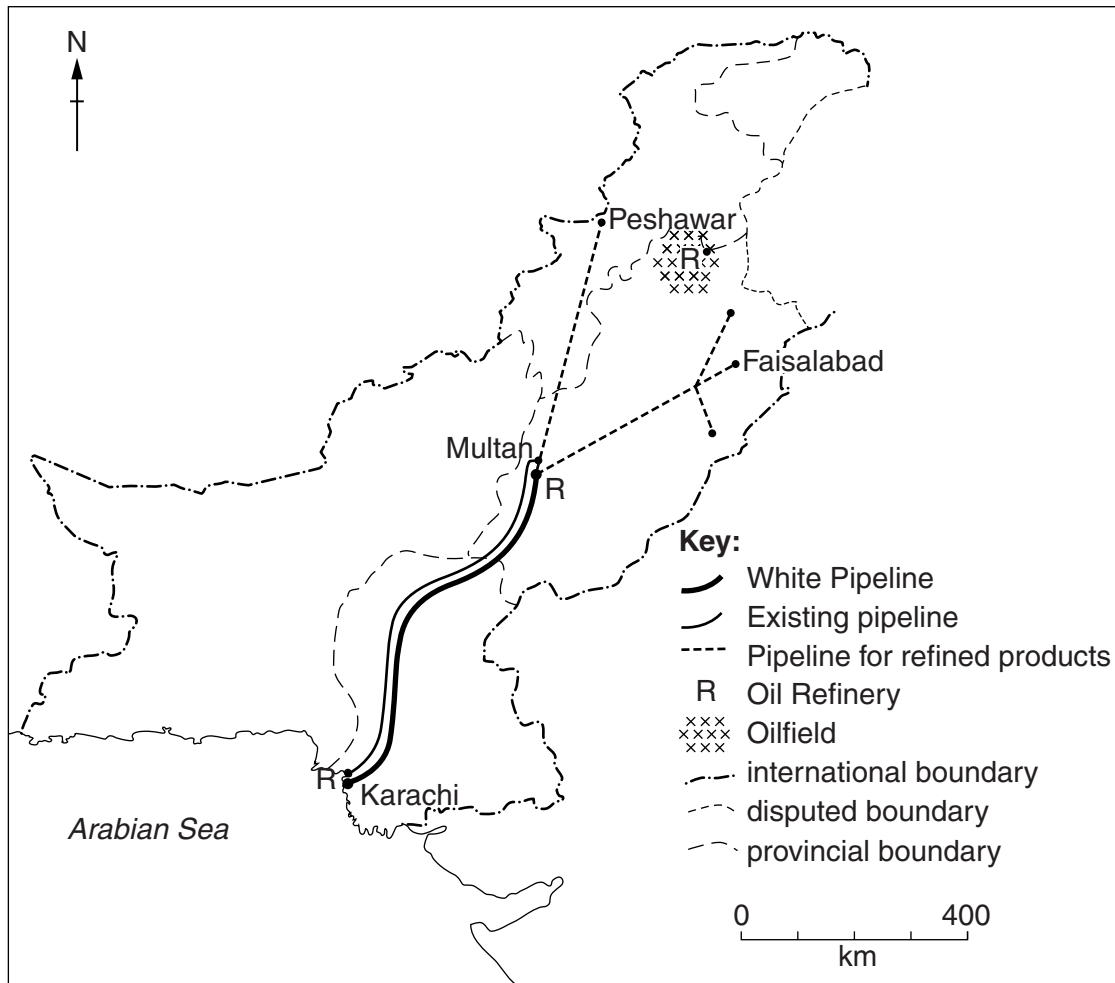


Fig. 4

(i) Name and locate the oil refinery marked on the oilfield in Fig. 4.

Name Location[2]

(ii) Name **one** refinery where imported oil is processed.

.....[1]

- (iii) Explain the importance of the White Pipeline, and other pipelines to the development of Pakistan.

.....

.....

.....

.....

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.....

.....

.....[4]

- (d) (i) Name an area where coal is mined in Pakistan, and state **one** type of coal found there.

Name Type of coal[2]

- (ii) Give **two** reasons why most of the coal mined in Pakistan is called 'low quality'.

1

2[2]

- (e) To what extent can Pakistan rely on fossil fuels to increase fuel and power supplies?

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.....[6]

[Total: 25]

3 (a) Study the map Fig. 5.

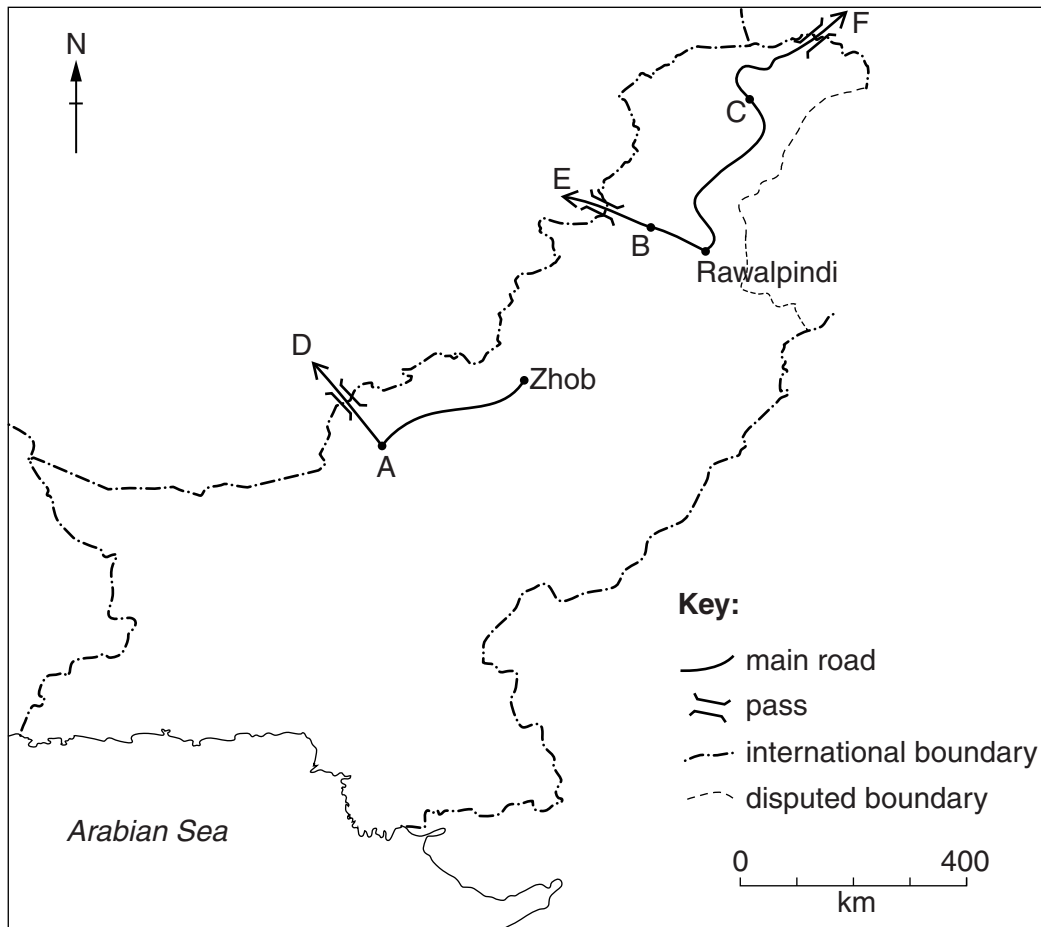


Fig. 5

(i) Name the towns A, B and C.

A B

C [3]

(ii) Name **one** of the passes D, E and F shown on Fig. 5, and name the country that it links to Pakistan.

Letter Name Country [2]

(iii) Give **two** reasons why air transport is used to carry lightweight or valuable goods to other countries instead of roads.

1

2 [2]

(b) Study Fig. 6 (Insert) an advertisement for cotton fabric.

(i) State **three** ways in which this company can be contacted.

- 1
- 2
- 3[3]

(ii) Explain the importance of good communications to a business such as Cotton Fabrics International.

.....

.....

.....

.....

.....

.....[3]

(c) (i) Name **two** dry ports in Pakistan.

- 1 2 [2]

(ii) Explain how dry ports have increased trade in Pakistan.

.....

.....

.....

.....

.....

.....

.....[4]

(d) To what extent could a better road network increase the development of small scale and craft industries of Pakistan?

[6]

[Total: 25]

- 4 (a) Study Fig. 7, a map of deforestation in Pakistan.

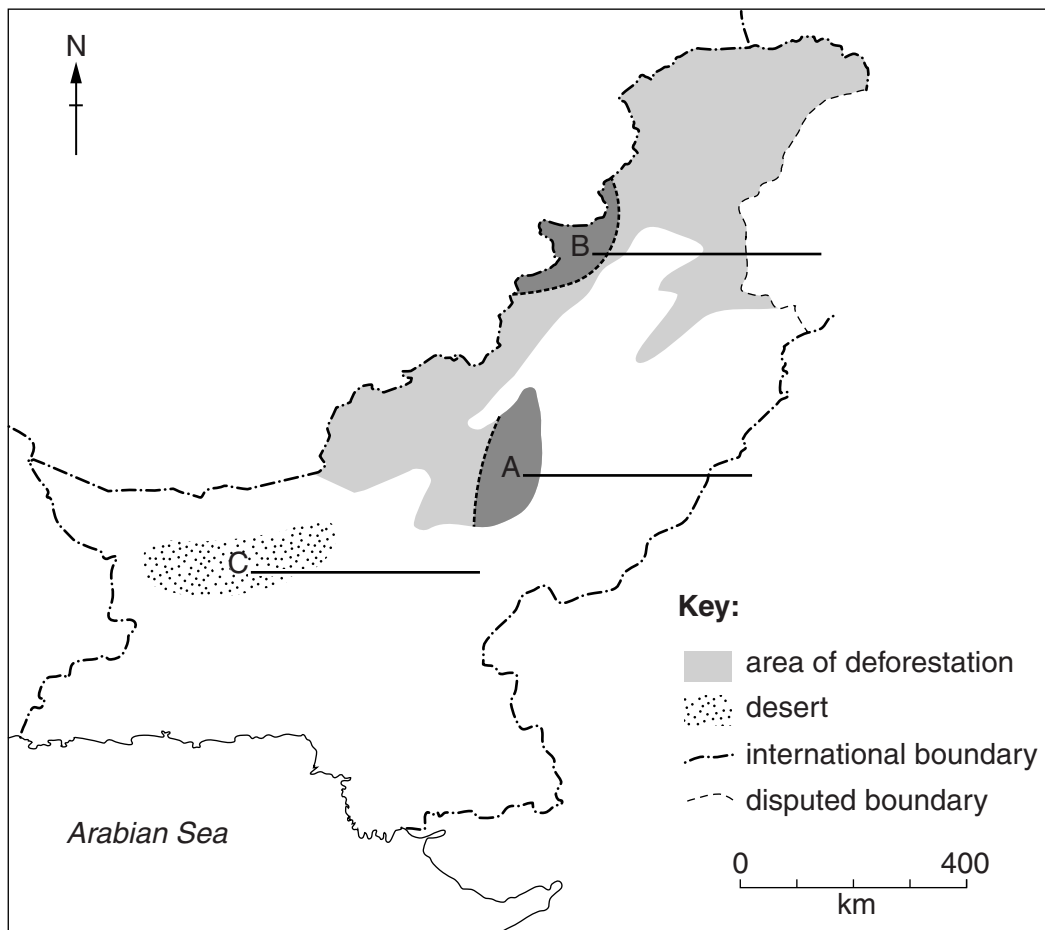


Fig. 7

- (i) Name the areas of deforestation A and B. [2]
- (ii) Name the desert C. [1]
- (iii) State **three** reasons why deforestation occurs in one of the areas shown on Fig. 7.
- 1
- 2
- 3 [3]

(b) Study the article below from 'Dawn', November 4th, 2011.

Pakistan has the highest annual deforestation rate in Asia. The forests only cover 2.5% of the country's land. At the time of independence they covered 33%. If deforestation is not more strictly controlled, the country will not be able to meet its commitment under the UN Development Goal. This goal is to increase its forest cover to 6% by 2015.

(i) By how much has forest cover decreased since independence?

.....[1]

(ii) By how much should it increase by 2015 to meet its commitment under the UN Development Goal?

.....[1]

(c) State and explain **three** effects of deforestation in mountainous areas.

Effect

Explanation

.....

Effect

Explanation

.....

Effect

Explanation

.....

[6]

(d) Explain how forests can become a source of income for the people of rural areas.

[4]

(e) (i) What is meant by the term ‘sustainable agriculture’?

.....[1]

(ii) To what extent can agriculture be sustainable in Pakistan?

[6]

[Total: 25]

- 5 (a) Study Fig. 8 showing the United Nations figures for the different age groups in Pakistan.

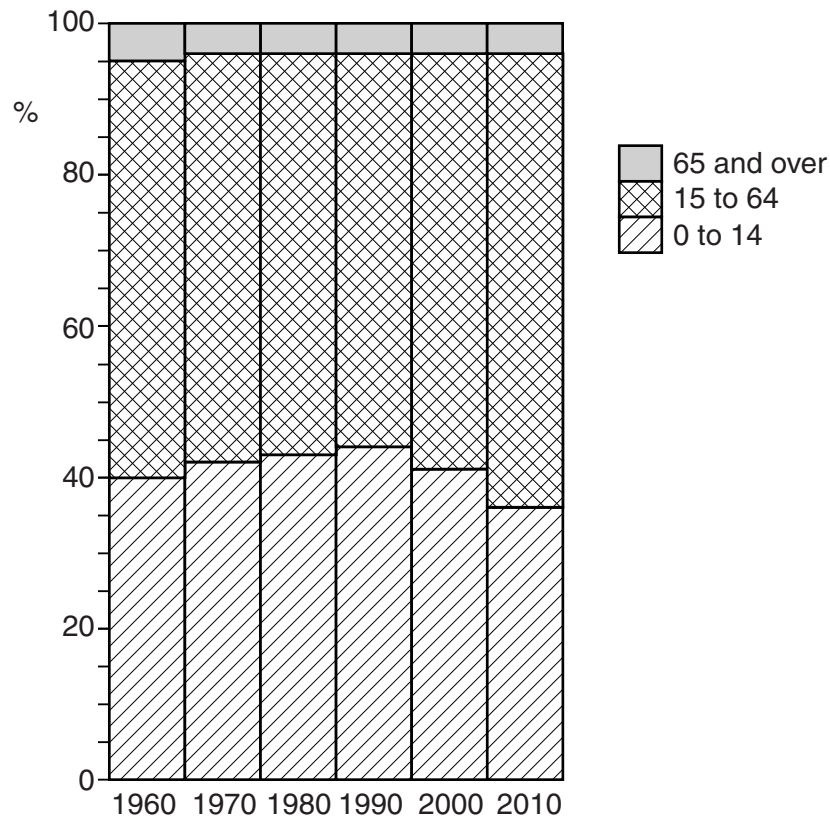


Fig. 8

- (i) What was the percentage of the age group 0–14 years in 2010?
 [1]
- (ii) Which age group of the population decreased in percentage from 1990 to 2010?
 [1]
- (iii) How has the percentage of working population (aged 15 to 64) changed from 1980 to 2010?
 [1]

(b) (i) What is meant by 'seasonal migration'?

.....

.....

.....

.....[2]

(ii) Name and describe an example of seasonal migration.

Example

Description

.....

.....

.....

.....

.....

.....

.....[4]

(c) Study Photographs A and B (Insert).

(i) Give **four** features of the housing shown in the photographs.

1

2

3

4 [4]

(ii) Explain why people live in areas such as those shown in Photographs A and B.

.....

.....

.....[6]

[6]

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