

OXFORD CAMBRIDGE AND RSA EXAMINATIONS
General Certificate of Secondary Education
GEOGRAPHY SPECIFICATION A
PAPER 1 FOUNDATION TIER

1986/1

Monday **5 JUNE 2006** Morning 2 hours

Candidates answer on the question paper.
 Additional materials:
 Resource Booklet (1986/1086/1,2/RB) – inserted

| | | | | | | | | | | | | | | |
|----------------|---|------------------|--|--|--|--|--|---|--|--|--|--|--|--|
| Candidate Name | Centre Number | Candidate Number | | | | | | | | | | | | |
| | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%; border: 1px solid black; height: 20px;"></td> <td style="width: 12.5%; border: 1px solid black; height: 20px;"></td> <td style="width: 12.5%; border: 1px solid black; height: 20px;"></td> <td style="width: 12.5%; border: 1px solid black; height: 20px;"></td> <td style="width: 12.5%; border: 1px solid black; height: 20px;"></td> <td style="width: 12.5%; border: 1px solid black; height: 20px;"></td> </tr> </table> | | | | | | | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%; border: 1px solid black; height: 20px;"></td> <td style="width: 12.5%; border: 1px solid black; height: 20px;"></td> <td style="width: 12.5%; border: 1px solid black; height: 20px;"></td> <td style="width: 12.5%; border: 1px solid black; height: 20px;"></td> <td style="width: 12.5%; border: 1px solid black; height: 20px;"></td> <td style="width: 12.5%; border: 1px solid black; height: 20px;"></td> </tr> </table> | | | | | | |
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TIME 2 hours

INSTRUCTIONS TO CANDIDATES

Write your name, Centre number and candidate number in the boxes above.
 Answer **all** questions.
 Write your answers in the spaces provided on the question paper.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets [] at the end of each question or part question.
 You will be awarded marks for the quality of written communication.
 The total number of marks for this paper is 80.
 Additional answer space is available on the lined pages 19 and 20 at the back of the book. Answers on these pages **must** be clearly numbered.

The following initials are used throughout this paper:

- EU – European Union
- LEDC – Less Economically Developed Country
- MEDC – More Economically Developed Country.

| FOR EXAMINER'S USE | |
|---------------------------|--|
| Question 1 | |
| Question 2 | |
| Question 3 | |
| Question 4 | |
| Sub-Total | |
| QWC | |
| TOTAL | |

This question paper consists of 18 printed pages, 2 lined pages and 1 Resource Booklet.

UNIT 1 PEOPLE AND THE PHYSICAL WORLD

1 (a) Study Fig. 1a.

Mid-Atlantic Ridge



Fig. 1a

(i) Name the volcanic island located furthest away from the Mid-Atlantic Ridge.

..... [1]

(ii) Describe the distribution of the other volcanic islands shown on the map.

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

(iii) Explain why there are no active volcanoes in the U.K.

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

(b) Study Fig. 1b.

Volcanoes in Iceland

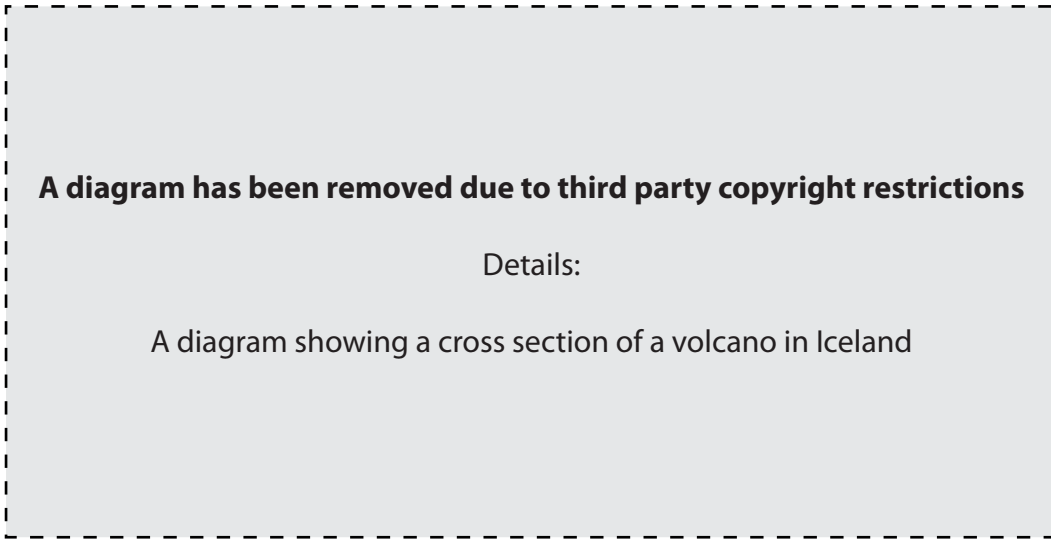


Fig. 1b

Use Fig. 1b to explain why there are major volcanoes in Iceland. You may include a labelled diagram.

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[4]

(c) Study the table below which shows information about two volcanoes.

| Year of eruption | Name of volcano | Location | Level of development | Number of people who had to leave their homes |
|------------------|------------------|--------------------------------------|----------------------|---|
| 2002 | Mount Nyiragongo | Democratic Republic of Congo, Africa | LEDC | 400 000 |
| 2002 | Mount Etna | Italy, Europe | MEDC | 300 |

Suggest **three** reasons for the difference in the number of people who had to leave their homes.

- 1
-
- 2
-
- 3
-[3]

(d) For a named volcano you have studied, describe the effects of an eruption.

Name of volcano:

Effects:

.....

.....

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.....

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.....[5]

(e) What are the benefits of living near volcanoes?

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.....

.....[4]

[Total: 19]

UNIT 2 PEOPLE AND PLACES TO LIVE

2 (a) Study Fig. 2a, opposite.

(i) Complete the table below by writing the names of these three countries in the correct positions.

China Mexico Vietnam

Top five countries where migrants came from to live in the USA in 2000.

| | |
|----------------|---|
| 1. | Most migrants ↑ ↓ Least migrants |
| 2. | |
| 3. Philippines | |
| 4. India | |
| 5. | |

[2]

(ii) Use the information in Fig. 2a to give an example of each of the following:

An LEDC from which over 10,000 people migrated to the USA in 2000

.....

An MEDC from which over 10,000 people migrated to the USA in 2000

.....

[1]

(iii) Look again at Fig. 2a.

Describe **two** features of the pattern of migration to the USA in 2000.

1

.....

2

.....[2]

Map of number of migrants to the USA from selected countries in 2000

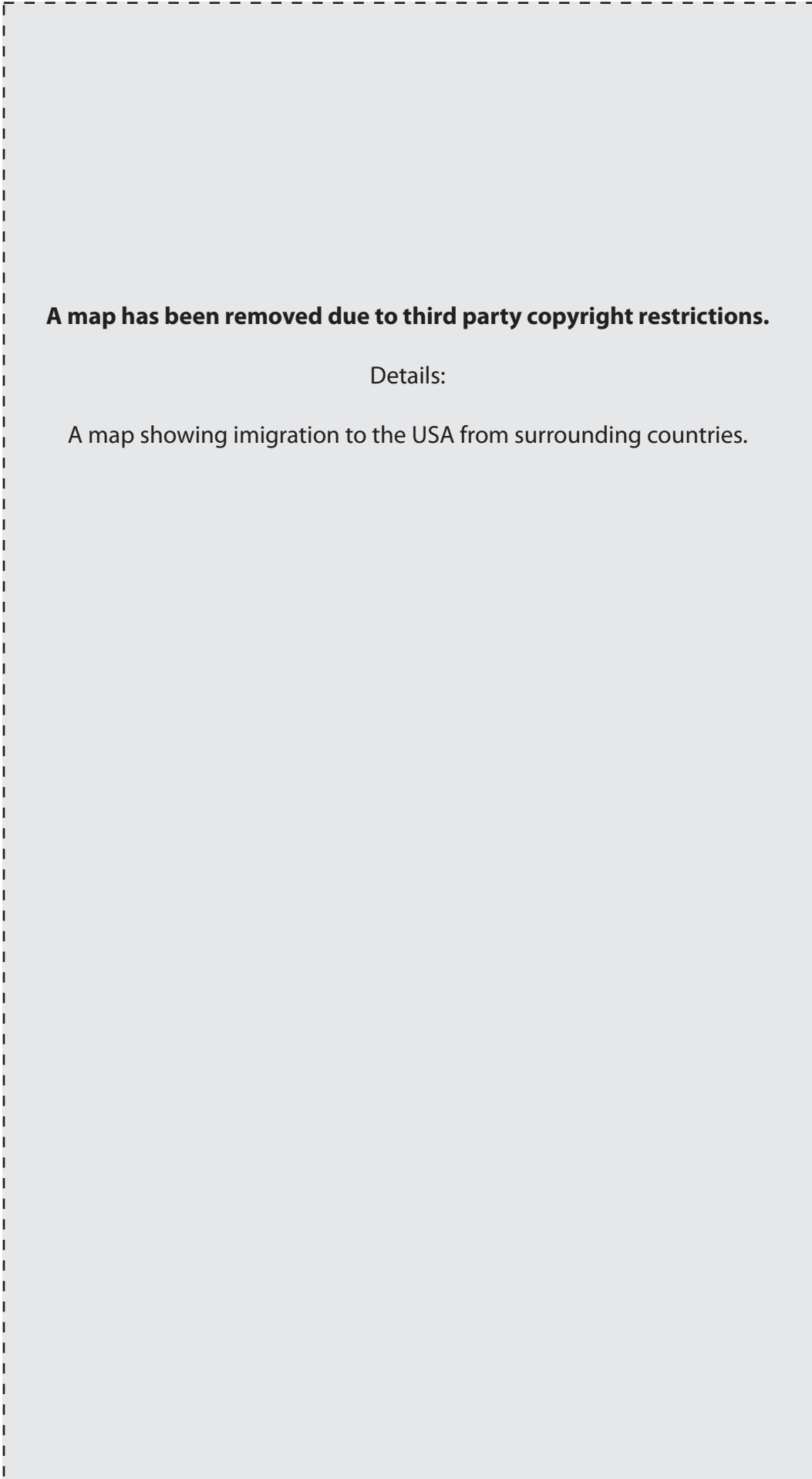


Fig. 2a

(iv) Many people who have migrated to MEDCs, such as the USA, still end up with a poor quality of life. Suggest two reasons for this.

1

.....

2

.....[2]

(b) Suggest the benefits and disadvantages for MEDCs of large numbers of people migrating to them from other countries.

Benefits to the country

.....

.....

.....

Problems for the country

.....

.....

.....[4]

(c) Study Fig. 2b.

Rural to urban migration

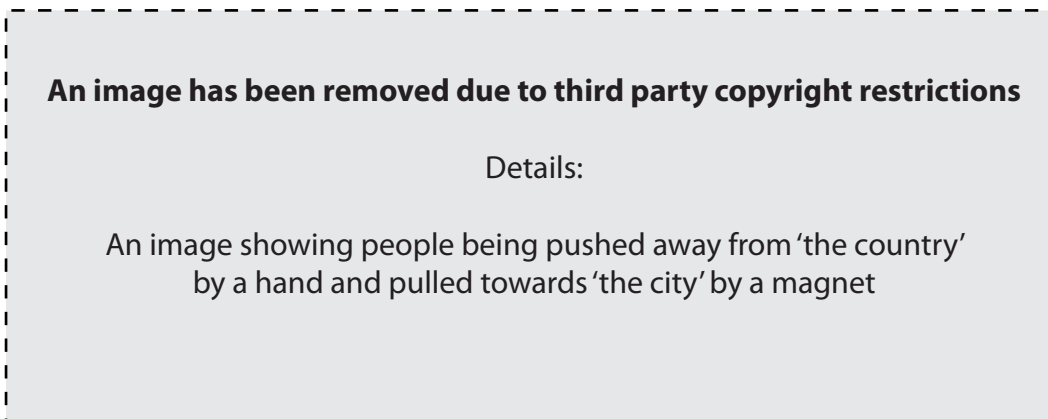


Fig. 2b

(i) What is 'rural to urban migration'?

.....

.....[1]

(ii) Pull and push factors can be used to explain rural to urban migration. What is meant by 'pull and push factors'?

Pull factors

.....

Push factors

.....[2]

(iii) Name a city which you have studied in an LEDC. Explain why many people have moved there from surrounding rural areas.

Name of LEDC city

Reasons for movement

.....

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.....[5]

[Total: 19]

UNIT 3 PEOPLE AND THEIR NEEDS

3 (a) Study Fig. 3a.

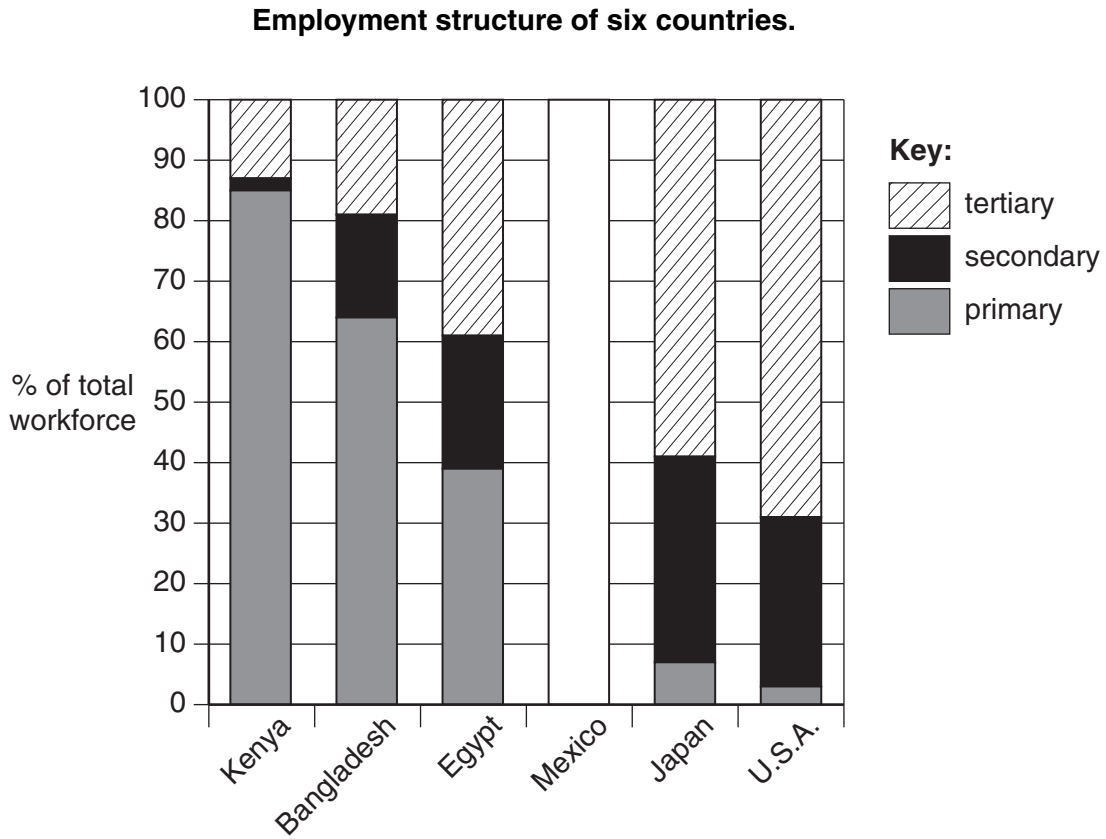


Fig. 3a

(i) Complete the bar for Mexico using the following figures:

- Primary 30%
- Secondary 20%
- Tertiary 50%

[2]

(ii) Use Fig. 3a to name:

the country where the largest percentage works in the primary sector

.....

the country where the same percentage is employed in the primary sector as in the tertiary sector.

.....

[2]

(iii) Suggest **two** reasons why a large percentage of the workforce are in the tertiary sector in MEDCs such as Japan.

1

.....

2

.....[2]

(b) Study Photographs C and D in the Resource Booklet.

(i) Describe **two** differences between the factory **buildings** shown in photographs C and D.

1

.....

2

.....[2]

(ii) In which employment sector would the following people work? Circle the correct answer for each of the three statements.

The workers in the quarries providing raw materials to be used in the factory in Photograph C.

PRIMARY SECONDARY TERTIARY

The driver of the lorries shown in Photograph D.

PRIMARY SECONDARY TERTIARY

The people working on the production line in both factories shown in the photographs.

PRIMARY SECONDARY TERTIARY [2]

(c) Study Fig. 3b.

Systems diagrams for the factories shown in Photographs C and D.

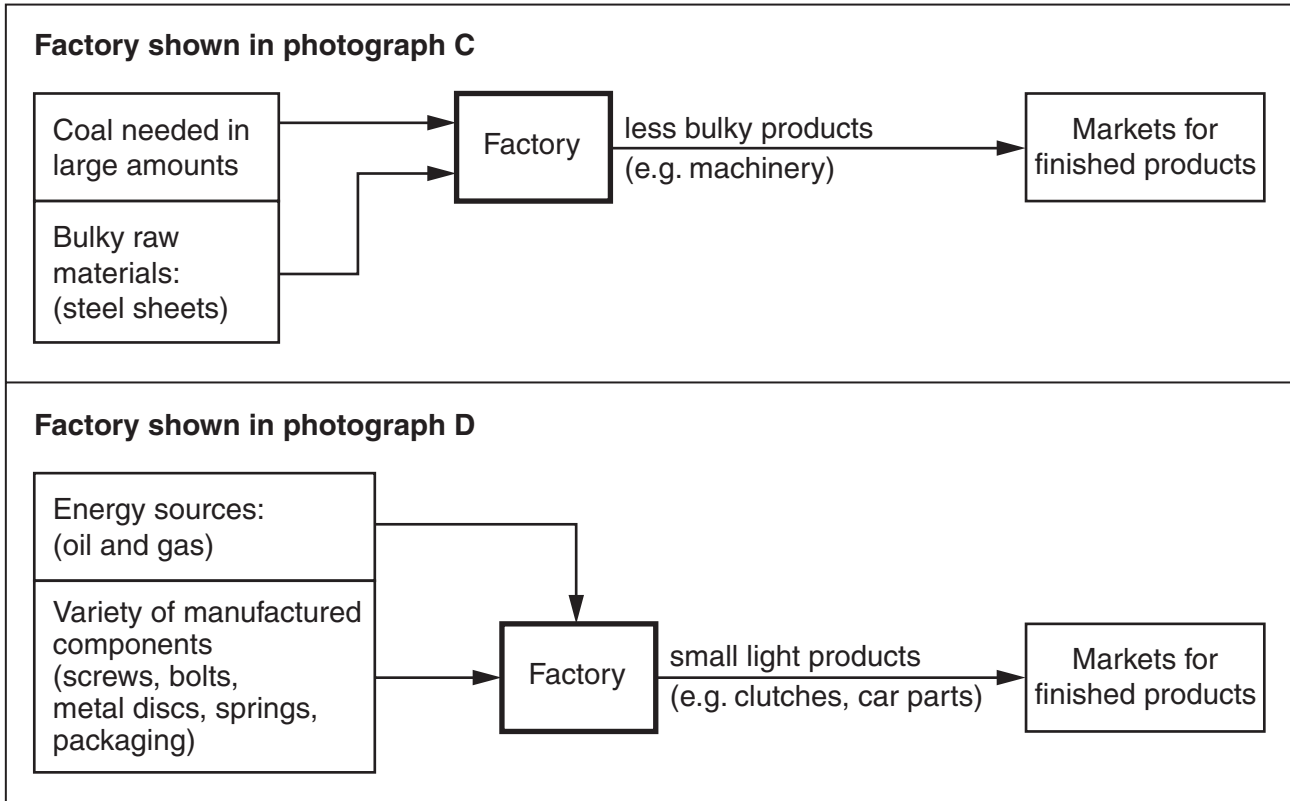


Fig. 3b

(i) Use Fig. 3b to identify:

an **input** to the factory shown in Photograph C

an **output** of the factory shown in Photograph D.[2]

(ii) It is more important for the factory shown in Photograph C to be located close to its raw materials than it is for the factory in Photograph D. Suggest reasons for this.

.....

.....

.....

.....[2]

(d) In many parts of the UK **distribution** industries are now important.

Name and locate an example of a **distribution** industry which you have studied in the UK.

Explain why the distribution industry is located there.

Name of distribution industry

Location

Reasons why the industry is located there.

.....

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.....[5]

[Total: 19]

UNIT 4 PEOPLE AND THE ENVIRONMENT

4 (a) Study Fig. 4a.

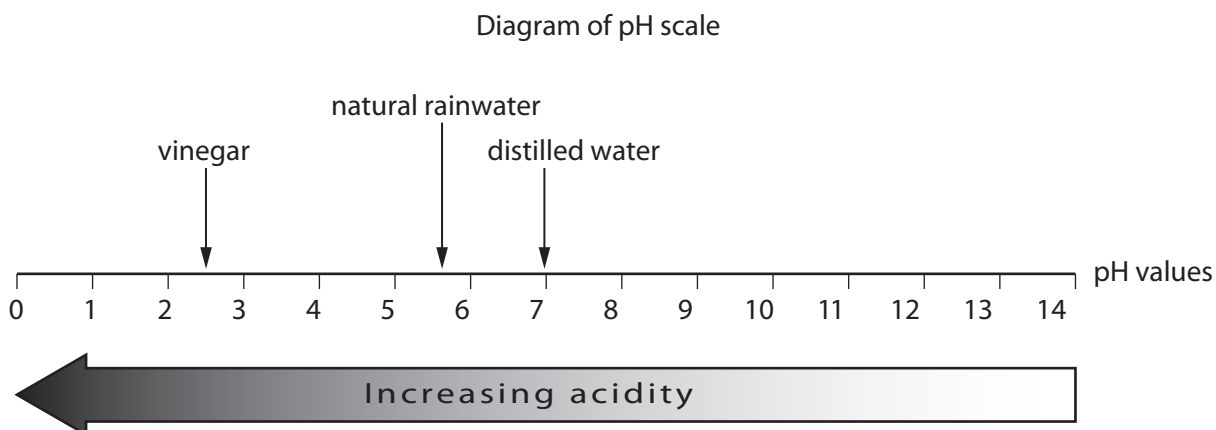


Fig. 4a

Use the information in Fig. 4a to complete the following statement. Circle the correct answer.

Acid rain is rainwater which has a pH value of

5 7 9 11

[1]

(b) Study Fig. 4b

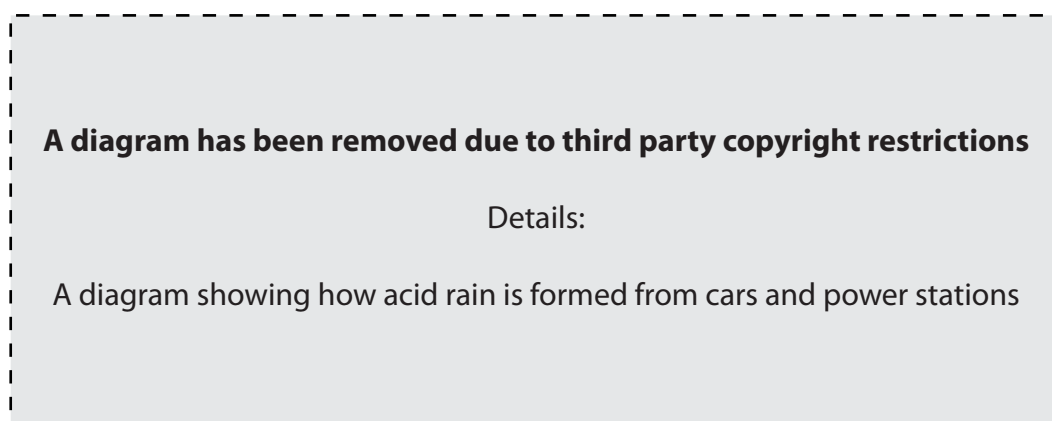


Fig. 4b

(i) In the box provided on Fig. 4b, label one chemical which comes from power stations or vehicles. [1]

(ii) How is acid rain caused?

.....

.....

.....

.....

.....

.....

.....[3]

(c) Study Fig. 4c.

Sulphur depositions in selected countries of Europe
(sulphur is a main deposit of acid rain)

A map has been removed due to third party copyright restrictions.

Details:

A map showing sulphur depositions in selected countries of Europe.

(i) Use the figures below to complete the enlarged pie chart for Finland.

| | |
|--|-----|
| Percentage of sulphur produced in Finland | 25% |
| Percentage of sulphur which comes from other countries | 75% |

[1]

(ii) Which country has the largest percentage of sulphur which comes from other countries?

.....

[1]

(iii) Suggest **two** reasons why so much of the sulphur deposited in Sweden comes from other countries.

1

.....

2

.....

[2]

(iv) What are the effects of acid rain in a country such as Sweden?

.....

.....

.....

.....

.....

.....

[3]

(v) Give **two** ways to reduce the problems caused by acid rain.

1

.....

2

.....

[2]

