

CANDIDATE  
NAME

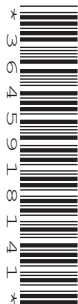
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CENTRE  
NUMBER

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CANDIDATE  
NUMBER

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**GEOGRAPHY**

**2230/02**

Paper 2 Skills

**May/June 2019**

(FOR CENTRES IN BRUNEI)

**1 hour 30 minutes**

Candidates answer on the Question Paper.

Additional Materials:

Protractor

Ruler

1:25000 Survey Map Extract is enclosed with this Question Paper.

**READ THESE INSTRUCTIONS FIRST**

Write your centre number, candidate number and name in the spaces provided.

Write in dark blue or black pen.

You may use an HB pencil for any diagrams or graphs.

Do not use staples, paper clips, glue or correction fluid.

**DO NOT WRITE IN ANY BARCODES.**

Answer **all** questions.

The Insert contains Fig. 3.1 for Question 3, Fig. 4.2 for Question 4 and Fig. 5.1 for Question 5.

The Survey Map Extract and Insert are **not** required by the Examiner.

Sketch maps and diagrams should be drawn whenever they serve to illustrate the answer.

At the end of the examination, fasten all your work securely together.

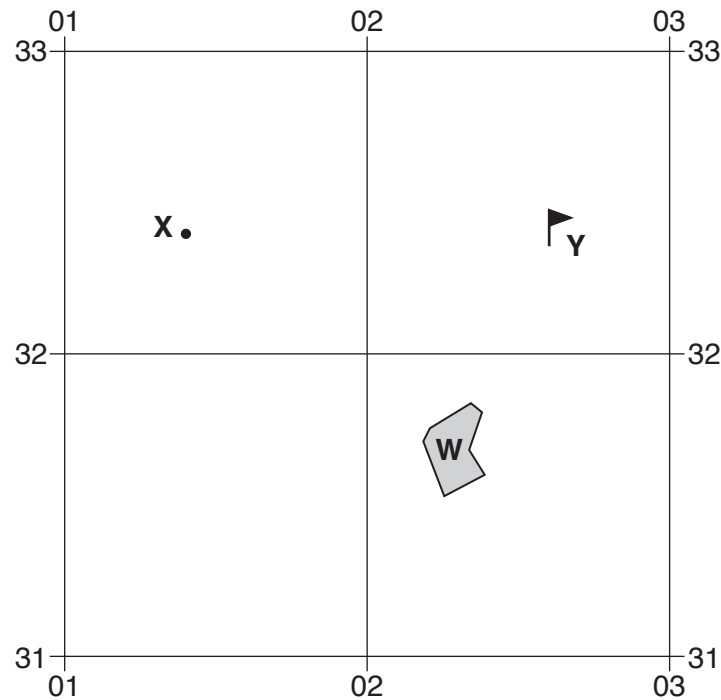
The number of marks is given in brackets [ ] at the end of each question or part question.

This document consists of **17** printed pages, **3** blank pages and **1** Insert.



1 Study the map extract (1:25 000) of the Isle of Arran, UK.

(a) Study the area of the map shown in Fig. 1.1.



**Fig. 1.1**

- (i) State the total area covered by the grid squares in Fig. 1.1. Give your answer in square kilometres.  
 ..... [1]
- (ii) Name the Glen in grid square 0232.  
 ..... [1]
- (iii) What type of forest is found in area W shown in Fig. 1.1?  
 ..... [1]
- (iv) What is the height of Meall Buidhe, labelled X in Fig. 1.1?  
 ..... [1]
- (v) Name the feature Y shown in Fig. 1.1.  
 ..... [1]
- (vi) On Fig. 1.1 mark with a dot and label with the letter Z a well.  
 ..... [1]

- (b) Study the **natural** features of the coastline shown on the map extract at the following locations:
- 0230  
0331  
0529  
0530  
0532

**Complete Table 1.1 below**, by adding the correct map location for each of the named coastal features. One has been completed for you.

**Table 1.1**

coastal feature	map location (grid square)
headland	
cliff	0529
cave	
sand and shingle	
river mouth	

[4]

- (c) The Benlister Burn river is flowing from west to east. Give **two** pieces of map evidence to support this fact.

1 .....

.....

2 .....

.....

[2]

- (d) If tourists take the passenger ferry from the end of the Lamlash Pier at 029312 to the end of the jetty on Holy Island at 051309:

- (i) how far do they travel? Give your answer in kilometres.

..... [1]

- (ii) along which bearing from grid north does the ferry travel?

..... [1]

- (e) Name **two** services in Lamlash (grid squares 0230 and 0231) which are for local people (residents) rather than tourists.

1 .....

2 .....

[2]

(f) The Knowe Farm is located at 038286. Use map evidence to evaluate whether or not this is a good location for a farm. Refer to the following:

- labour supply

.....

.....

- water supply

.....

.....

- transport

.....

.....

- gradient

.....

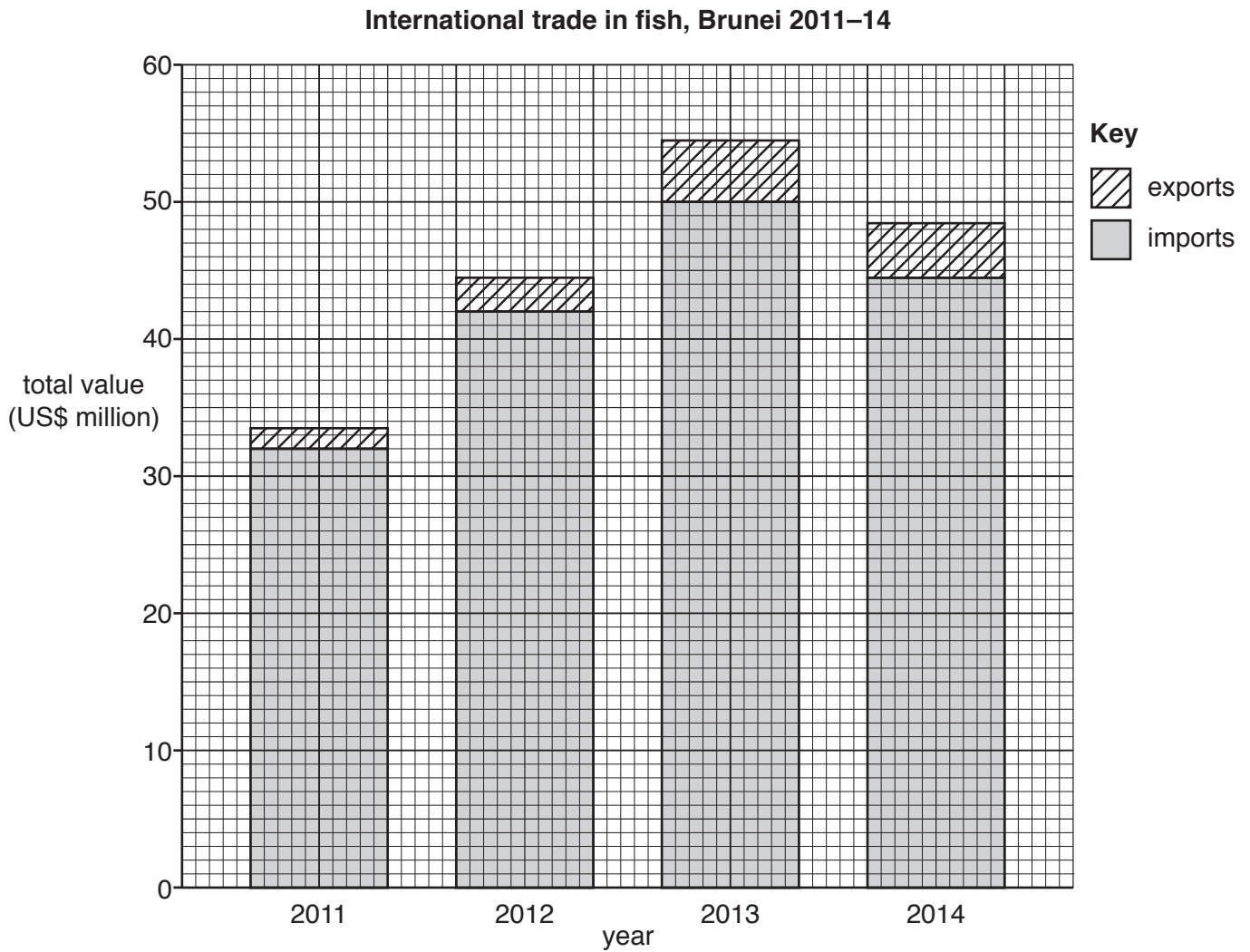
.....

[4]

[Total: 20]

**TURN OVER FOR QUESTION 2**

- 2 (a) Study Fig. 2.1, which shows the total value of fish imports and exports for Brunei, 2011–14.



**Fig. 2.1**

- (i) What was the total value of fish imports to Brunei in 2013?  
 ..... [1]
- (ii) In which year was the total value of fish exports US\$2.5 million?  
 ..... [1]
- (iii) Describe the relationship between the total value of fish imports and exports for Brunei from 2011 to 2014.  
 .....  
 .....  
 .....  
 ..... [2]

(b) Fig. 2.2 shows fish supply and demand in Brunei in 2013.

**Fish supply and demand in Brunei, 2013**

Fish caught	4820 tonnes
Fish used for non-food uses	1515 tonnes
Fish exports	1472 tonnes
Fish imports	17 790 tonnes
Population of Brunei	418 000 people
Consumption of fish	47 kg per person

\*1 tonne = 1000 kg

**Fig. 2.2**

Use Fig. 2.2 to explain why Brunei imported a large amount of fish in 2013.

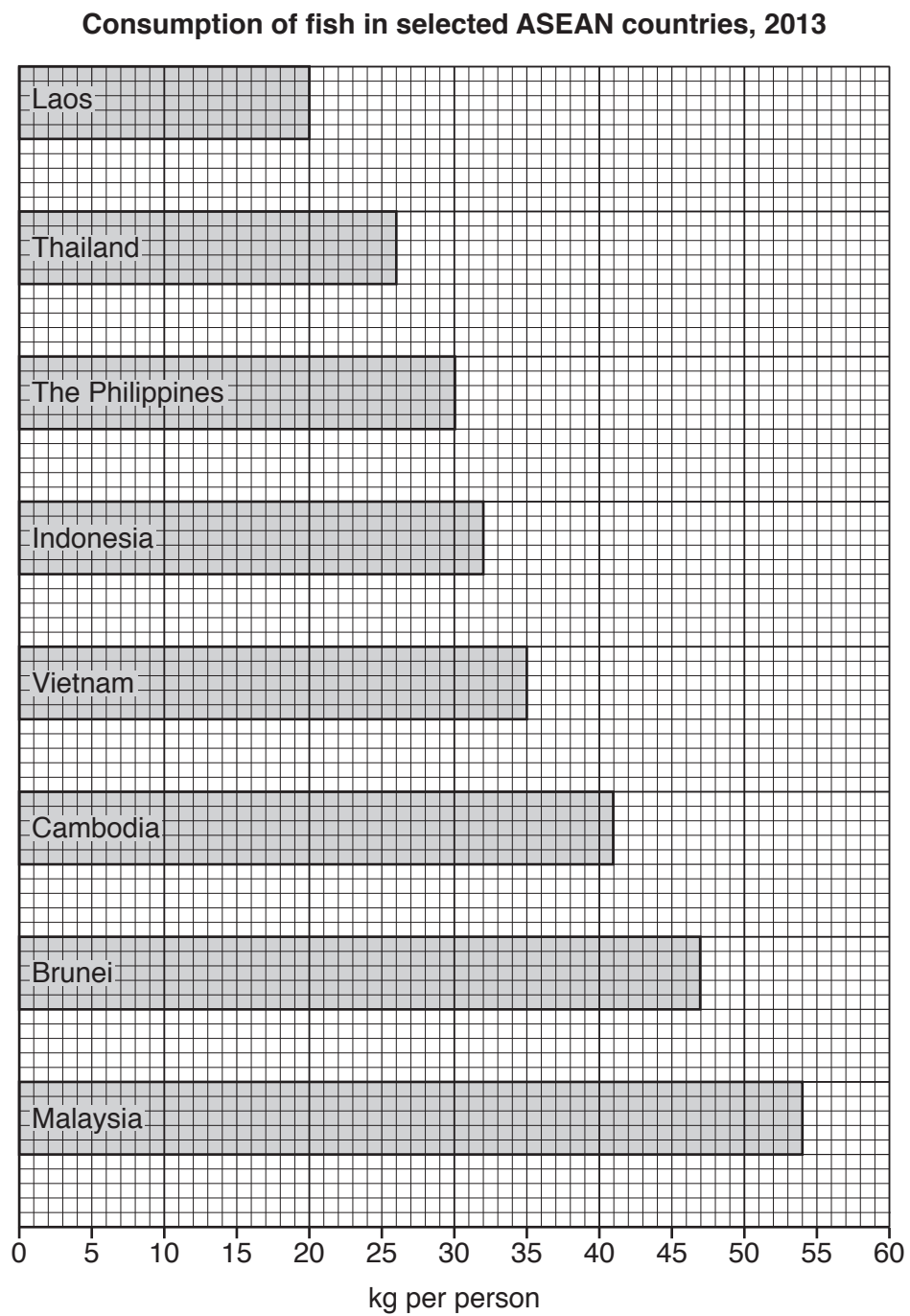
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..... [2]

(c) Fig. 2.3 shows the consumption of fish (kg per person) in selected ASEAN countries.



**Fig. 2.3**

Use Fig. 2.3 to compare the consumption of fish in Brunei with both Malaysia and The Philippines. Use data to support your answer.

- Malaysia

.....

.....

.....

.....

- The Philippines

.....

.....

.....

.....

[4]

[Total: 10]



**3 (a)** Study Fig. 3.1 (Insert), a satellite image of the Baram River in Sarawak, Malaysia.

**(i)** Use the letters V, W, X and Y from Fig. 3.1 to **identify the features listed in Table 3.1 below**. One has been completed for you.

**Table 3.1**

<b>feature</b>	<b>letter</b>
meander	
flood plain	Y
oxbow lake	
tributary	

[3]

**(ii)** Describe the shape of the river and the river's surroundings in area Z.

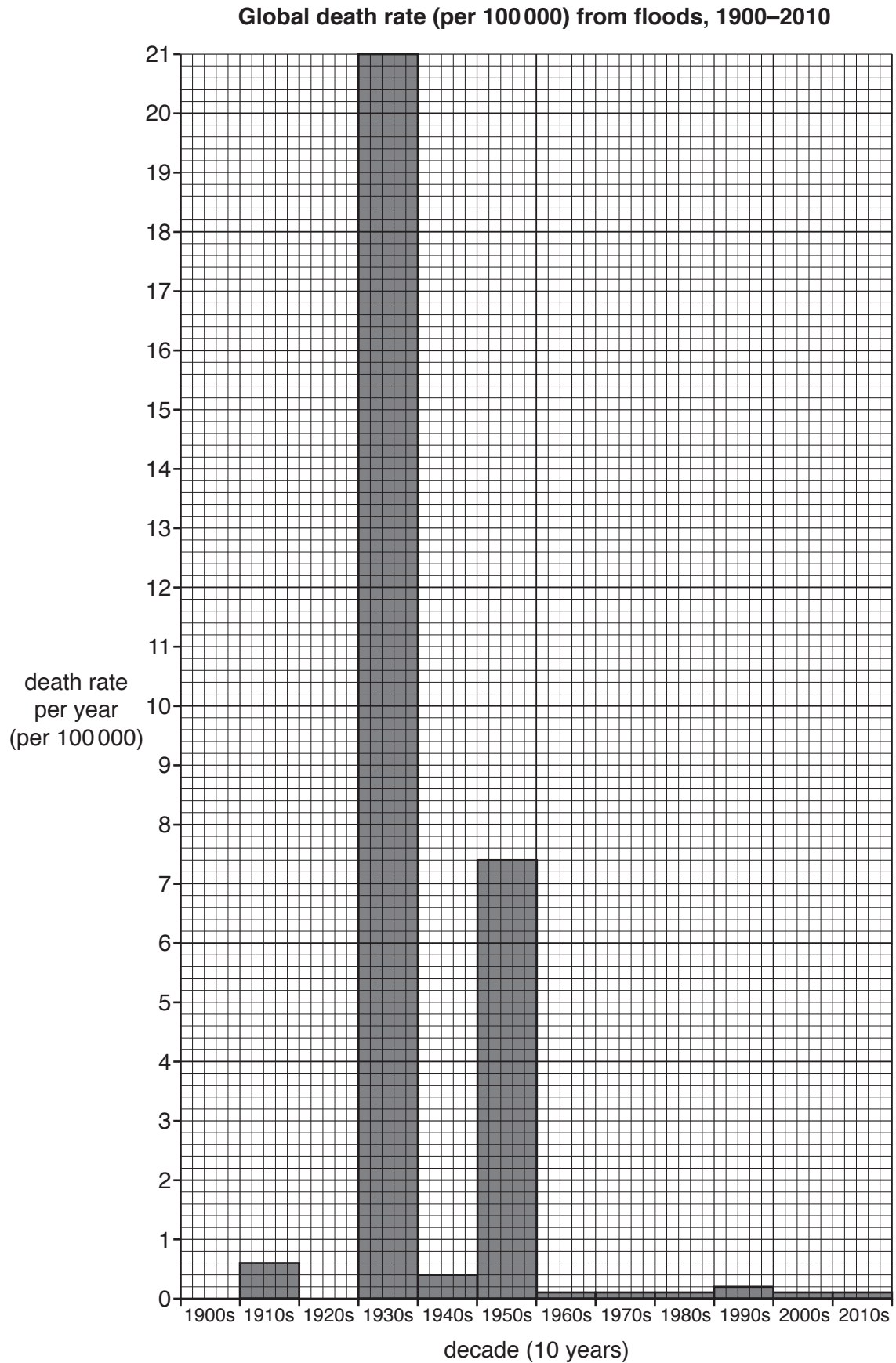
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.....

.....

..... [2]

- (b) Study Fig. 3.2, which shows the global death rate (per 100 000) from floods for each decade from 1900 to 2010.



**Fig. 3.2**

(i) Which decade had the highest death rate from floods?

..... [1]

(ii) What was the death rate from floods in the 1950s?

..... [1]

(iii) From the 1960s onwards, what is the general trend shown on the graph?

..... [1]

(iv) State **two** ways the number of deaths from flooding can be reduced.

1 .....

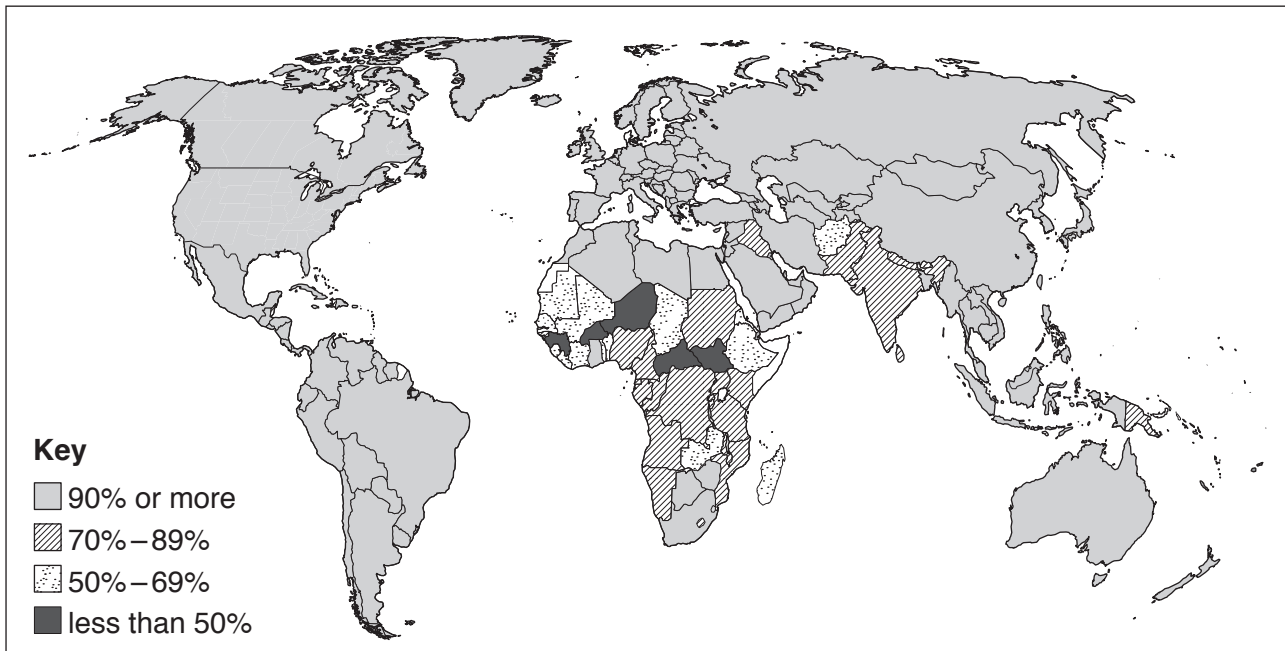
2 .....

[2]

[Total: 10]

- 4 (a) Study Fig. 4.1, a map which shows youth literacy rates.

**Youth literacy rates, 2015**



**Fig. 4.1**

Describe the distribution of youth literacy rates shown in Fig. 4.1.

.....

.....

.....

.....

.....

..... [3]

- (b) Study Fig. 4.2 (Insert), which shows global progress in literacy rates from 2000 to 2015.

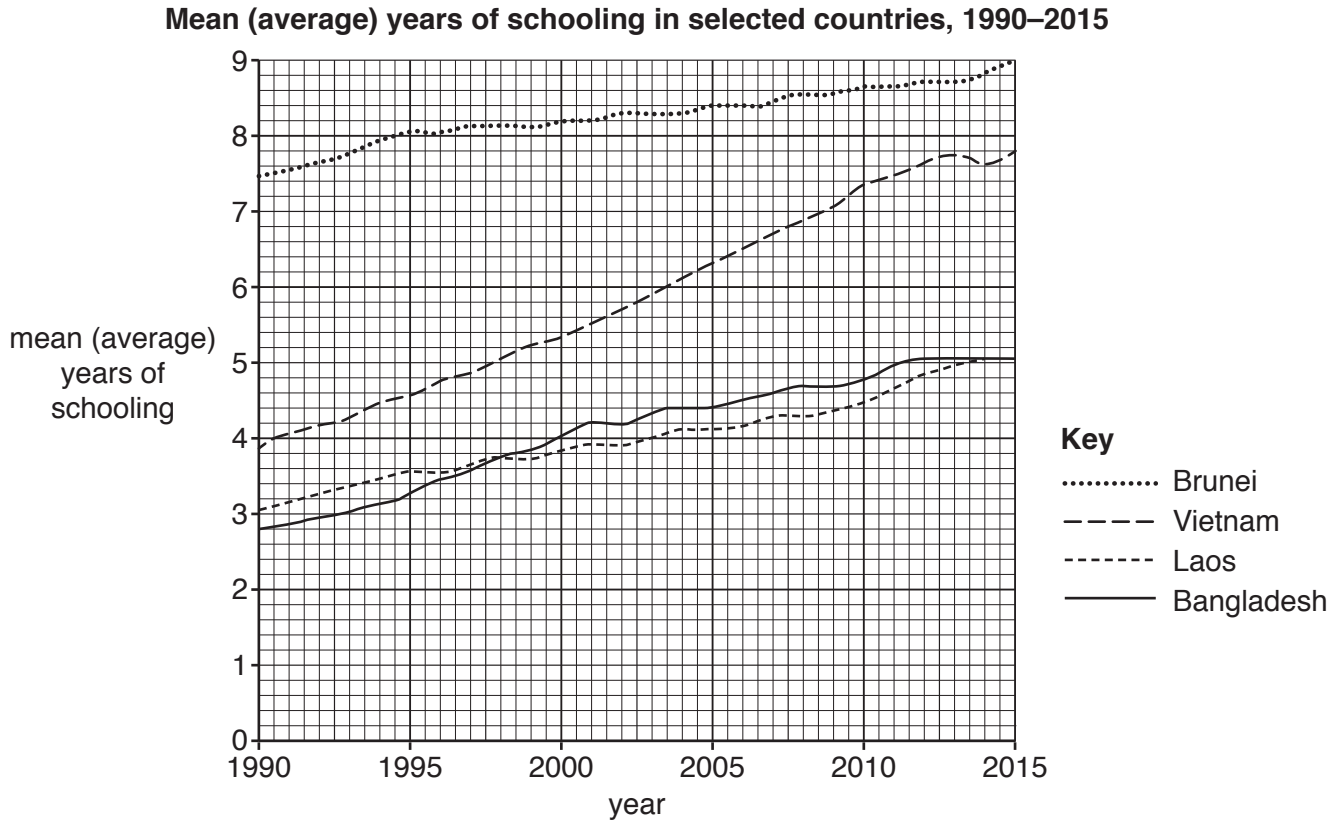
(i) What was the global literacy rate for youths aged 15–24 in 2015?

..... [1]

(ii) Which country had a 30% improvement in the literacy rate for women?

..... [1]

- (c) Fig. 4.3 shows the changes in mean (average) years of schooling in selected countries, 1990–2015.



**Fig. 4.3**

- (i) Which country had the fastest rate of growth?

..... [1]

- (ii) By how many years did the mean (average) years of schooling in Brunei increase from 1990 to 2015?

..... [1]

- (iii) Compare the mean (average) years of schooling in Laos and Bangladesh between 1990 and 2015.

.....

.....

.....

.....

.....

..... [3]

[Total: 10]

- 5 (a) Study Fig. 5.1 (Insert), a photograph which shows a steelworks.

Describe the key features of the steelworks shown in Fig. 5.1.

.....

.....

.....

.....

..... [3]

- (b) Fig. 5.2 shows some common types of pollution. Explain **two** ways industry pollutes the environment.

.....

.....

.....

..... [2]

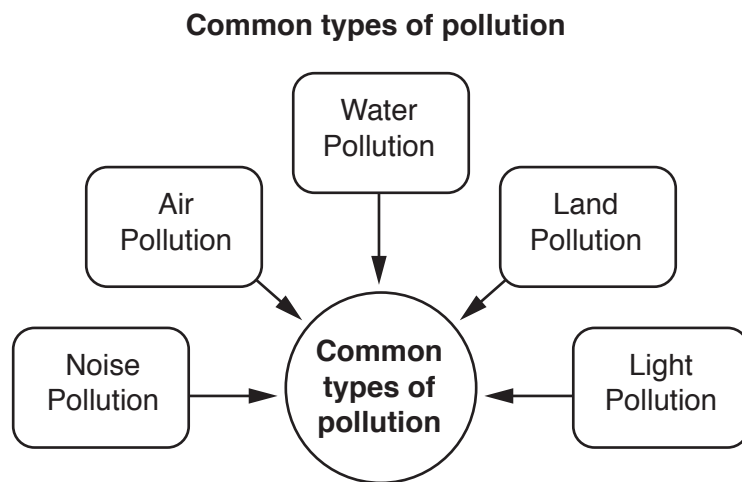
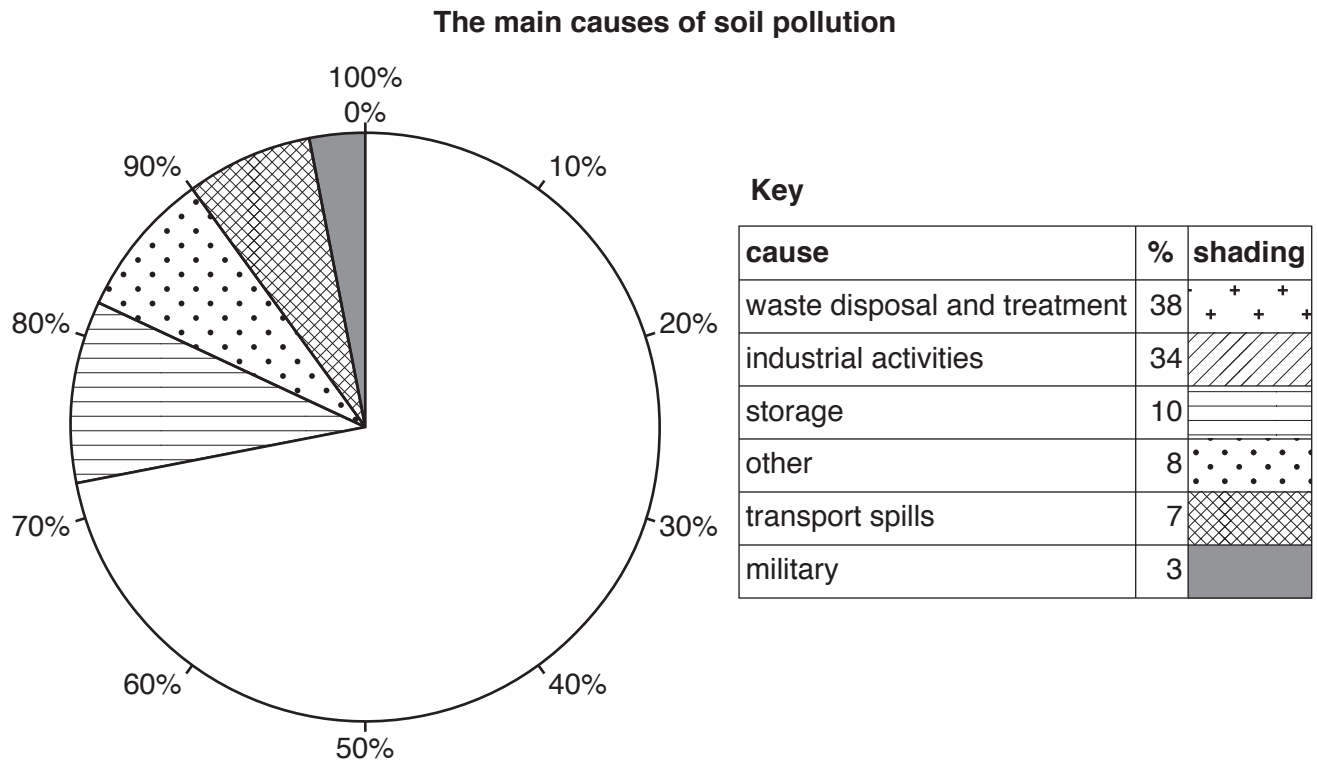


Fig. 5.2

(c) Fig. 5.3 is an incomplete pie chart to show the main causes of soil pollution.



**Fig. 5.3**

Use data from the key to **complete the pie chart in Fig. 5.3.**

[2]

(d) Study the information in Fig. 5.4 about Earth Day.

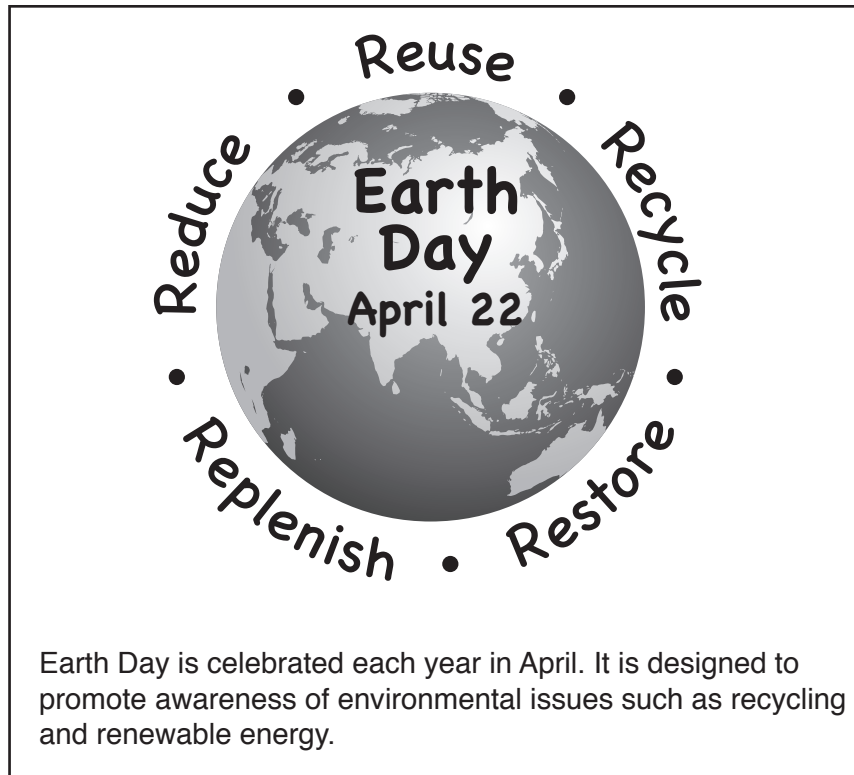


Fig. 5.4

Use Fig. 5.4 to describe **three** practical ways people can reduce their carbon footprint.

- 1 .....
- 2 .....
- 3 .....

[3]

[Total: 10]



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