

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS**  
**General Certificate of Secondary Education**

**GEOGRAPHY SPECIFICATION A**  
**PAPER 2 HIGHER TIER**  
**SPECIMEN PAPER FOR JUNE 2003**

**1986/2**

2 hours

Additional materials:  
Photograph Sheet (1986/1&2/P)  
Answer paper

**TIME** 2 hours

**INSTRUCTIONS TO CANDIDATES**

Write your name, Centre number and candidate number in the spaces provided on the answer paper.  
Answer **four** questions, **one** from each Section, on the separate answer paper provided.

**INFORMATION FOR CANDIDATES**

The number of marks is given in brackets [ ] at the end of each question or part question.  
You will be awarded up to 4 marks for the quality of written communication.

The following initials are used throughout this paper:

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

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**This specimen paper consists of 13 printed pages and 3 blank pages.**

## SECTION A

## PEOPLE AND THE PHYSICAL WORLD

Answer **EITHER** Question 1 **OR** Question 2.

- 1 (a) Study Photograph A.
- (i) Describe the processes by which the sea erodes the coast. [4]
  - (ii) Give **three** pieces of evidence that this coastline is being eroded. [3]
- (b) Describe **three** ways that the coastline in Photograph A could be protected. Explain how each method works. [6]
- (c) Name and locate a coastal feature formed by deposition. Describe it and explain how it was formed. Draw a labelled diagram as part of your answer. [6]

[Total : 19 marks]

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END OF QUESTION 1

- 2 (a) Study Photograph B. Give **three** pieces of evidence which show that this is an upland river valley. [3]
- (b) Describe the processes by which a river erodes its valley in an upland area. [4]
- (c) Explain how river processes may lead to the formation of an ox bow lake. Draw a labelled diagram as part of your answer. [5]
- (d) For a named river which has flooded:
- (i) explain why this river flooded, [3]
  - (ii) describe the effects of the flood upon people and the environment. [4]

[Total : 19 marks]

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END OF QUESTION 2

## SECTION B

## PEOPLE AND PLACES TO LIVE

Answer **EITHER** Question 3 **OR** Question 4.

3 Study Fig. 3a below.

Population densities around the world

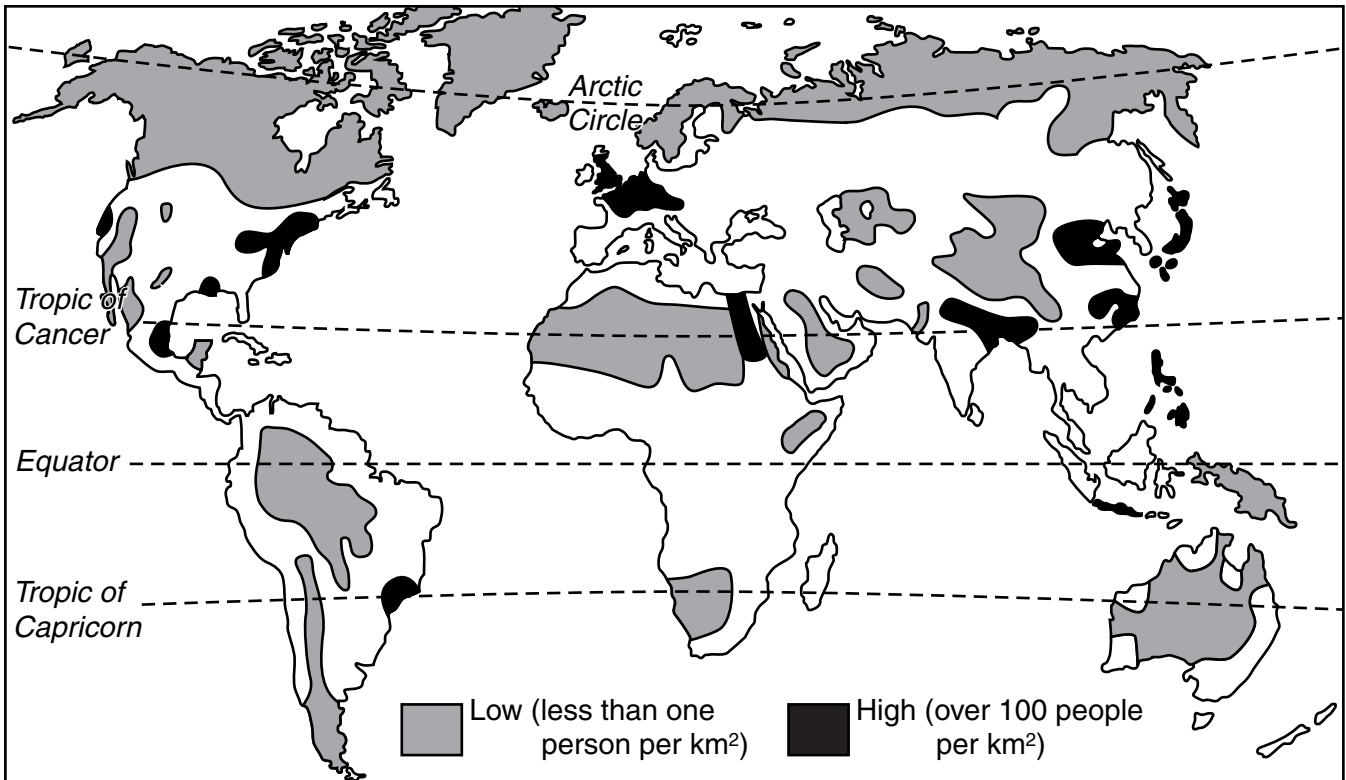
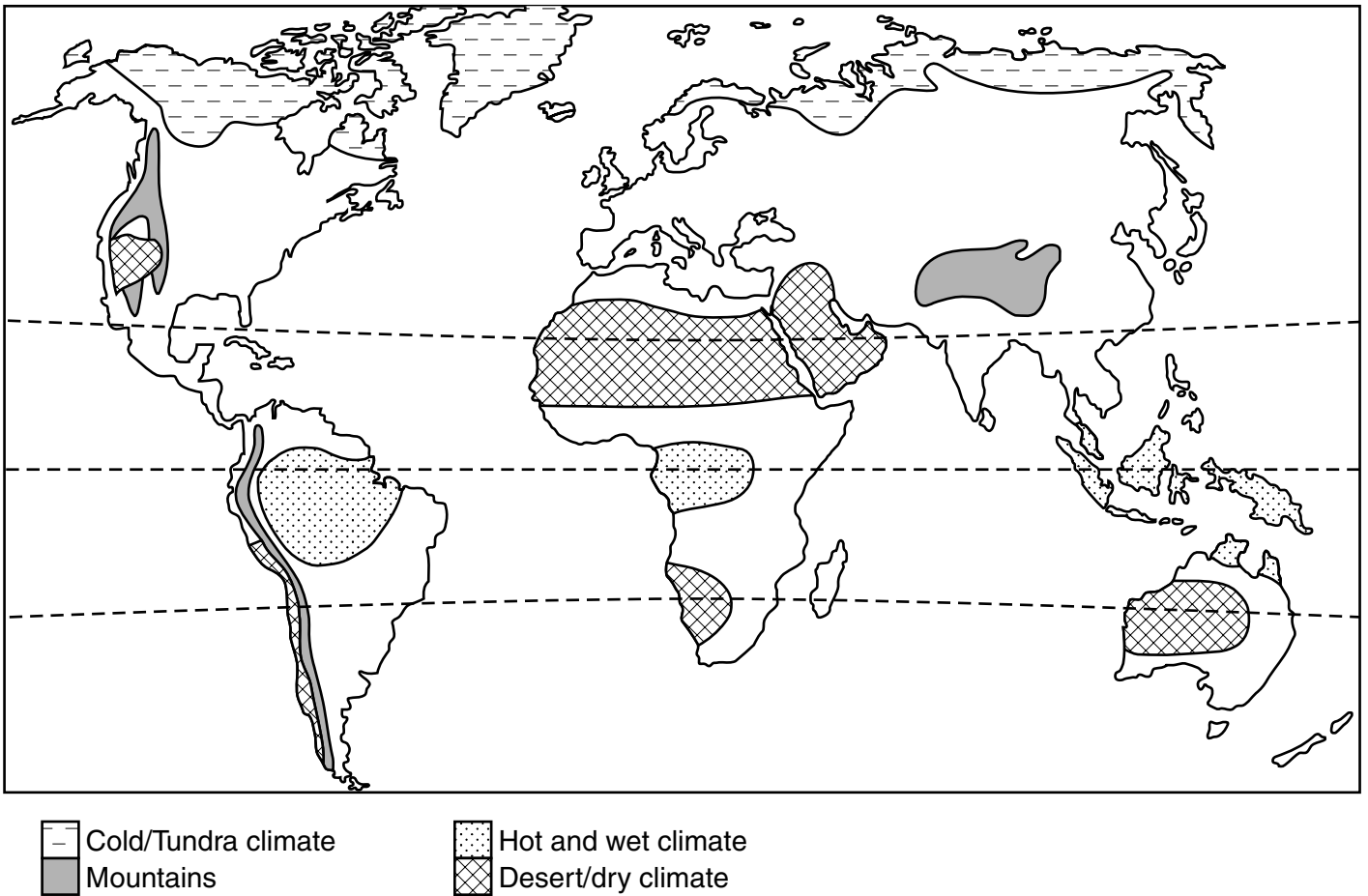


Fig. 3a

- (a) (i) Briefly describe the distribution of the areas of **high** population density (over 100 people per km<sup>2</sup>). [3]

(ii) Study Fig. 3a opposite and Fig. 3b below.

**Location of some types of environment**



**Fig. 3b**

Using Fig. 3b suggest reasons for the distribution of areas of **low** population density (less than one person per km<sup>2</sup>). Develop your ideas fully. [6]

- (b) Name an area of the UK which you have studied and explain why it has a **high** population density. [4]
- (c) Explain why the rate of population **growth** is high in some LEDCs. [6]

[Total : 19 marks]

END OF QUESTION 3

- 4 (a) (i) Explain why many people migrate from rural areas to cities in LEDCs. [4]
- (ii) How does rural to urban migration affect the people left behind in the villages? [3]
- (b) Study Photograph C which shows an area of a city in an LEDC.
- (i) Using only evidence from the photograph suggest why people may dislike living in this area. [3]
- (ii) Describe sites and locations commonly used for squatter settlements (shanty towns) in cities in LEDCs. [3]
- (c) For a named city in **either** an LEDC **or** an MEDC which you have studied, describe the attempts which are being made to improve the quality of life of the residents. [6]

[Total : 19 marks]

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END OF QUESTION 4

## SECTION C

## PEOPLE AND THEIR NEEDS

Answer **EITHER** Question 5 **OR** Question 6.

5 (a) Study Fig. 5a below.

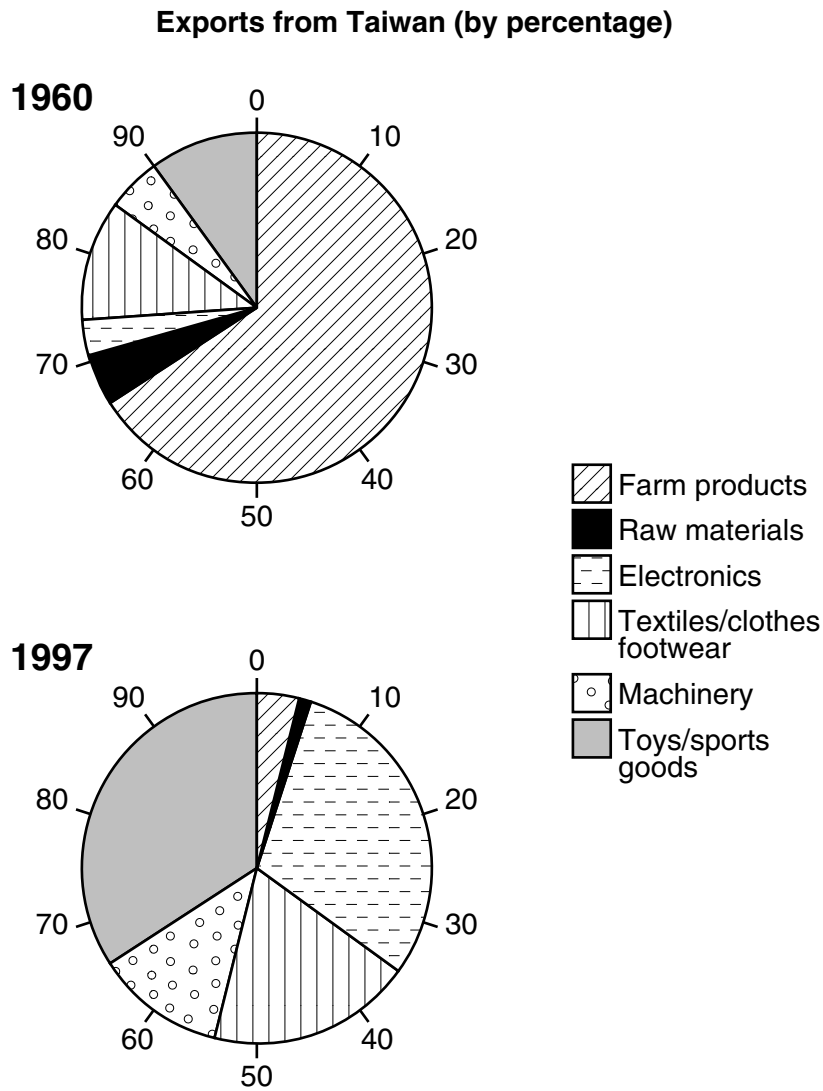
**Quality of life** (1997 figures)

Country	GDP per person \$	Number of people per doctor	Adult literacy Percentage	Energy consumption per person/ kg of oil equivalent
India	290	2494	50	247
Indonesia	730	7767	83	331
Brazil	3 020	729	81	580
Mexico	3 750	663	87	1311
Portugal	7 890	381	86	1463
UK	17 970	623	99	3910
USA	24 750	408	99	7570

**Fig. 5a**

- (i) What is the relationship between GDP per person and the number of people per doctor? [2]
- (ii) Why do medical facilities and adult literacy rates vary between countries of different GDP per person? [6]
- (iii) Suggest **three** reasons why energy consumption increases as a country develops economically. [3]

(b) Study Fig. 5b below.



**Fig. 5b**

Taiwan is an LEDC in S.E. Asia where rapid economic growth is taking place.

(i) Describe the change in the export of:

1. primary products,
  2. secondary products,
- from 1960 to 1997.

Use percentage figures to support your answer.

[2]

(ii) For a named LEDC which you have studied explain why rapid economic growth is taking place. How have the lives of people there changed as a result of this growth? [6]

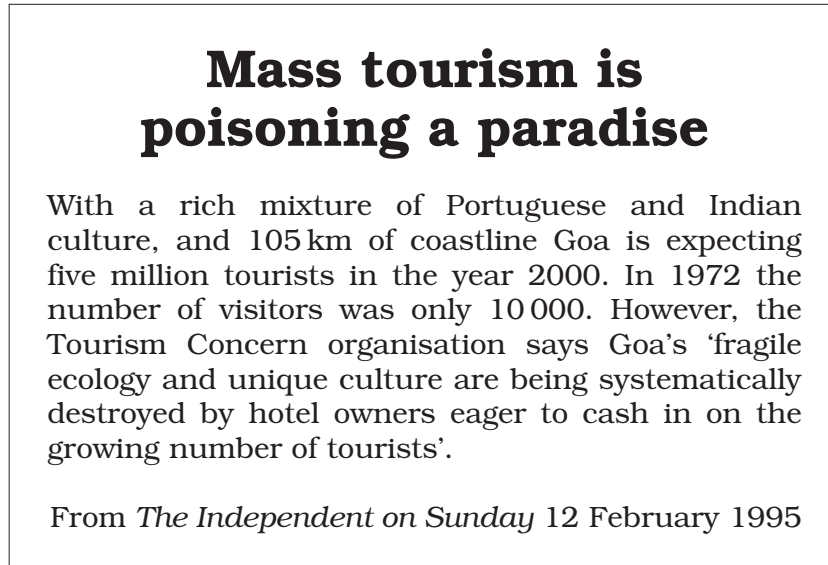
[Total : 19 marks]

END OF QUESTION 5



- 6 (a) Study Photograph D which shows a tourist area in an LEDC.
- (i) Use evidence from Photograph D to explain why tourists might be attracted to this area. [3]
- (ii) Local people may have different opinions about the growth of tourism in this area. Suggest **two** reasons why local people may welcome tourist developments. [2]
- (b) Study Fig. 6 below.

**Possible dangers of tourism**



**Fig. 6**

- Suggest why tourism may not be welcomed by local people because of the threat to the 'ecology and culture'. [6]
- (c) (i) For a named tourist area in the EU describe how tourism has been managed in order to reduce the problems which it may cause. [5]
- (ii) Why is it important to manage tourism for sustainability in this area? [3]

[Total : 19 marks]

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END OF QUESTION 6

## SECTION D

## PEOPLE AND THE ENVIRONMENT

Answer **EITHER** Question 7 **OR** Question 8.

7 (a) Study Fig. 7a below.

## An opencast coal mine

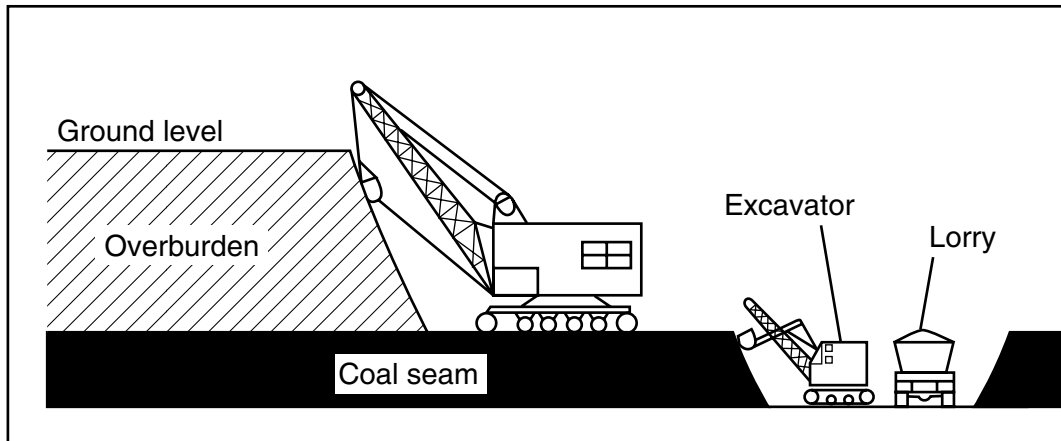


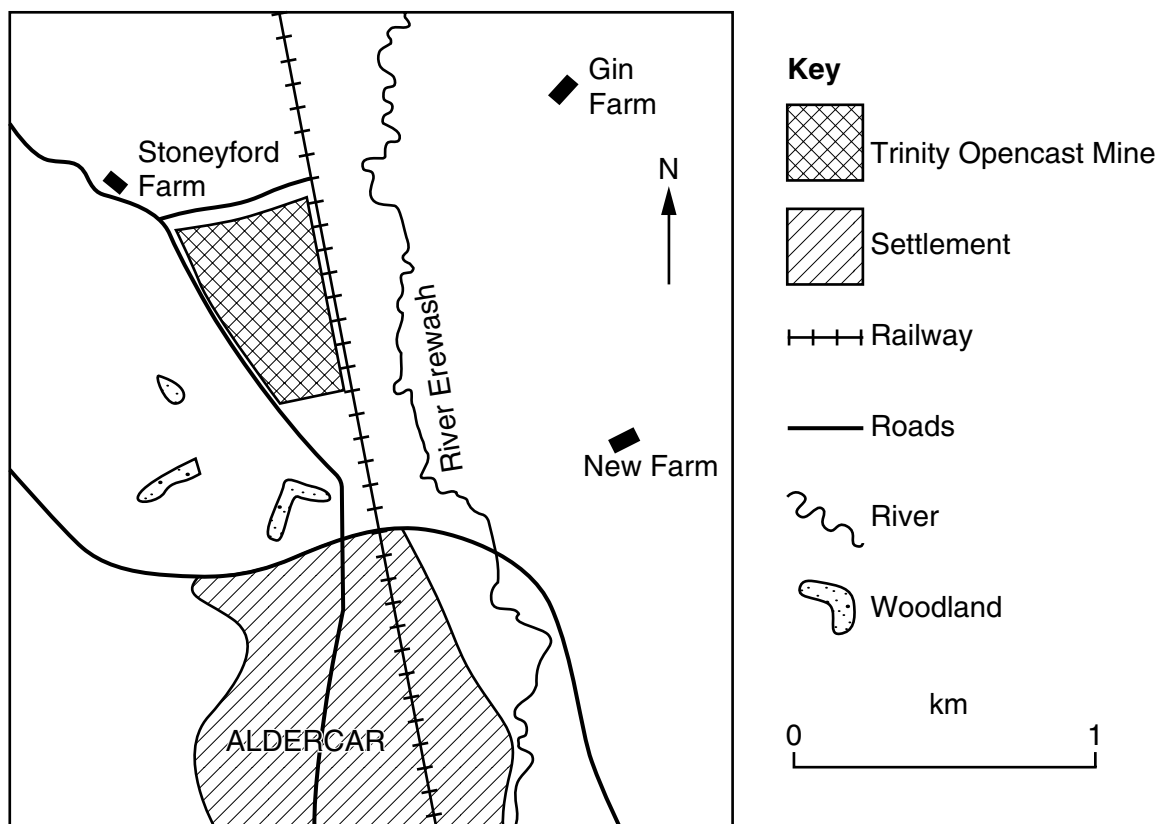
Fig. 7a

Use Fig. 7a to describe briefly how coal is extracted from an opencast mine.

[2]

(b) Study Fig. 7b below.

**Location of the Trinity Opencast Coal Mine in Derbyshire**



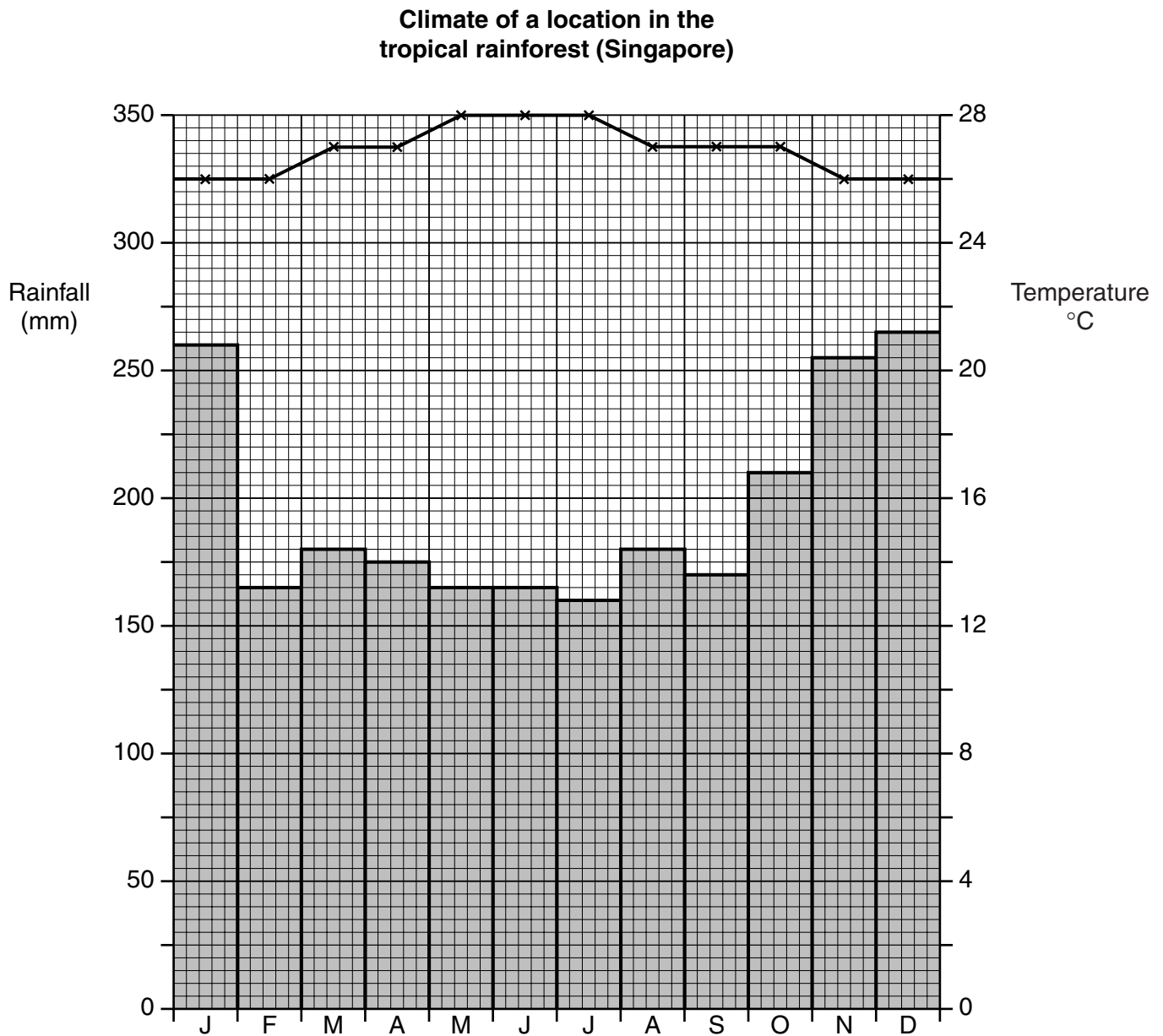
**Fig. 7b**

- (i) Estimate the area of the Trinity Opencast Coal Mine in square kilometres. [1]
- (ii) Consider the attitudes of local people to the Trinity Opencast Coal Mine. What benefits might it bring and what problems might it cause? [6]
- (c) The use of energy resources such as coal causes global environmental problems. One such problem is global warming.
- (i) What is meant by global warming? [1]
- (ii) Explain why the burning of coal is partly responsible for global warming. [3]
- (iii) What are the likely consequences of global warming? You should refer to named examples and develop the points which you make. [6]

[Total : 19 marks]

END OF QUESTION 7

8 (a) Study Fig. 8a below.



**Fig. 8a**

Describe the features of the annual climate pattern.

[3]

(b) Describe the main features of the tropical rainforest.

[5]

(c) Study Fig. 8b below.

**Facts about the destruction of the rainforests**

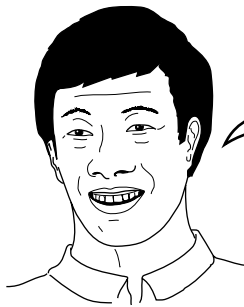


Fact 1

*One third of the world's rainforest has already been destroyed.*

Fact 2

*An area of the rainforest the size of the UK is cleared every year*



Fact 3

*Every minute 40 hectares of rainforest (equivalent to 80 hockey or football pitches) are felled or burned.*

**Fig. 8b**

Explain why large areas of tropical rainforest are being destroyed. You may refer to named examples you have studied. [5]

(d) It is important that rainforests are used in future in a sustainable way.

Describe how this can be achieved. [6]

[Total : 19 marks]

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END OF QUESTION 8





