



Cambridge IGCSE™

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GEOGRAPHY**0460/11**

Paper 1 Geography | Themes

May/June 2024**1 hour 45 minutes**

You must answer on the question paper.

You will need: Insert (enclosed)
Calculator
Protractor

Ruler

INSTRUCTIONS

- Answer **three** questions in total, **one** from each section.
- Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do **not** write on any bar codes.
- If additional space is needed, you should use the lined pages at the end of this booklet; the question number or numbers must be clearly shown.

INFORMATION

- The total mark for this paper is 75.
- The number of marks for each question or part question is shown in brackets [].
- The insert contains additional resources referred to in the questions.

Definitions

MEDCs – More Economically Developed Countries

LEDCs – Less Economically Developed Countries

This document has **28** pages. Any blank pages are indicated.

Section A

Answer **one** question from this section.

- 1 (a) Study Fig. 1.1, information about birth rates and death rates in six countries in 2021.

| country | birth rate (per 1000) | death rate (per 1000) |
|-----------|--------------------------|--------------------------|
| Argentina | 16.6 | 7.6 |
| Bolivia | 21.2 | 6.8 |
| Bulgaria | 8.2 | 15.4 |
| Kuwait | 18.8 | 2.8 |
| Lesotho | 24.2 | 14.1 |
| Niger | 47.3 | 8.2 |

Fig. 1.1

- (i) Identify the country from Fig. 1.1 which was experiencing natural population decline in 2021.

..... [1]

- (ii) Calculate the natural population increase of Niger in 2021. You should show your calculations

..... per 1000

[2]

- (iii) Compare the natural population increase of Kuwait with the natural population increase of Lesotho.
Include statistics in your answer.

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..... [3]

- (iv) Suggest why birth rates are high in LEDCs such as Bolivia, Lesotho and Niger.

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..... [4]

- (b) Study Fig. 1.2 (Insert), a photograph taken in Yaoundé, the capital city of Cameroon (an LEDC in Africa).

- (i) Give **three** pieces of evidence from Fig. 1.2 which suggest that Yaoundé is a densely populated urban area.

1

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2

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3

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[3]

- (ii) Describe the problems experienced by people living in urban areas with a high population density, such as Yaoundé.

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..... [5]

(c) For a country or area you have studied explain why it is **sparsely populated**.

Name of country or area

[7]

[Total: 25]

- 2 (a) Study Fig. 2.1 (Insert), a map showing urban zones in Bangkok, the capital city of Thailand (a country in Asia).

- (i) What is the direction from point X in the CBD of Bangkok to the government buildings at Y?

..... [1]

- (ii) Using Fig. 2.1, describe the location of the high-density residential zones in Bangkok

.....

 [2]

- (iii) The residential area in the rural-urban fringe marked Z on Fig. 2.1 has been recently developed. Give **three** advantages of living in the rural-urban fringe.

1

 2

 3
 [3]

- (iv) Describe the impacts of urban sprawl on the natural environment.

.....

 [4]

(b) Study Fig. 2.2 (Insert), a photograph taken in Hat Yai, an urban area in Thailand.

(i) Describe **three** characteristics of the buildings shown in Fig. 2.2.

1

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2

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3

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[3]

(ii) Describe the **uses** and **effects** of **one** named **type** of pollution likely to be experienced by the people living in the area shown in Fig. 2.2.

type of pollution

uses

.....

.....

.....

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effects

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[5]

- (c)** For a named urban area you have studied, describe the strategies used to reduce traffic congestion.

Name of urban area

[7]

[Total: 25]

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Section B

Answer **one** question from this section.

- 3 (a) Study Fig. 3.1, a sketch showing an area of tropical rainforest.

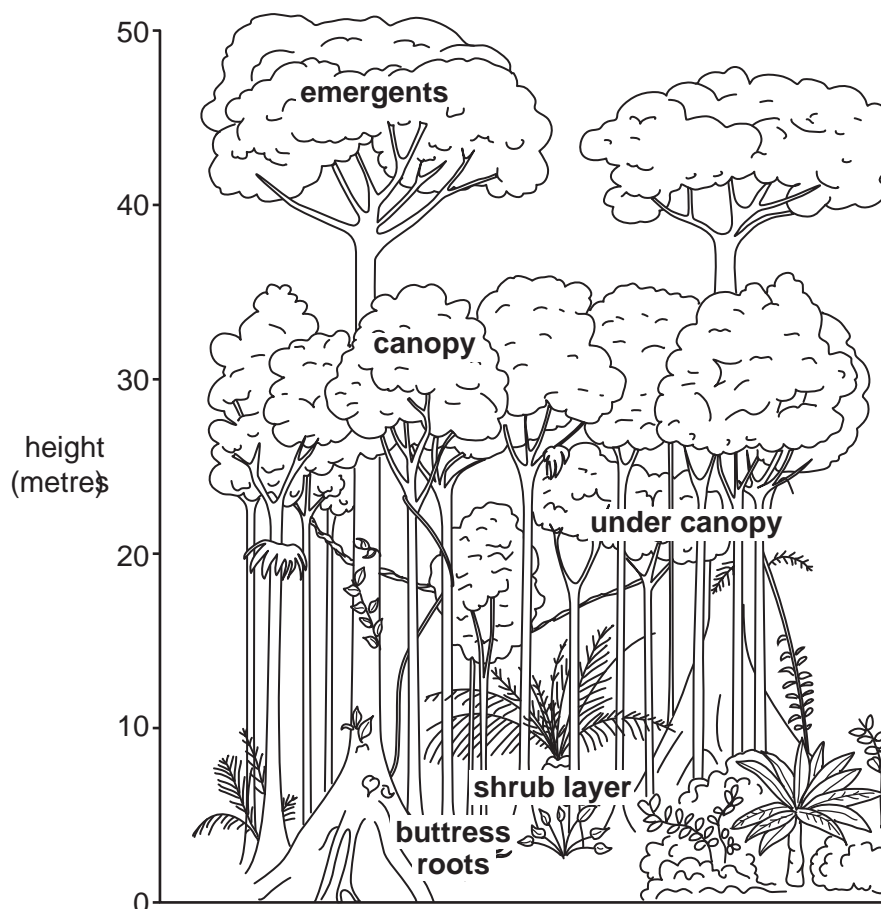


Fig. 3.1

- (i) Using Fig. 3.1, compare the height of the emergents with the height of the canopy layer.

.....
 [1]

- (ii) Using Fig. 3.1, state how the density and structure of vegetation are typical of an area of tropical rainforest.

density

.....

structure

..... [2]

- (iii) There are many different species of plants and animals in many areas of tropical rainforests. Give **three** reasons for this high biodiversity.

1

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2

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3

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[3]

- (iv) Explain why equatorial and hot desert climates have different amounts of rainfall.

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..... [4]

(b) Study Fig. 3.2 (Insert), information about deforestation in the Amazon rainforests in 2021.

- (i)** Using Fig. 3.2, describe the distribution of high deforestation in the Amazon rainforests in 2021.

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..... [3]

- (ii)** Suggest reasons to explain the distribution of deforestation in the Amazon rainforests.

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..... [5]

(c) Describe the local and global impacts of large-scale deforestation of tropical rainforests on people.

You should refer to named places

..... [7]

[Total: 25]

- 4 (a) Study Fig. 4.1, which shows a drainage basin.

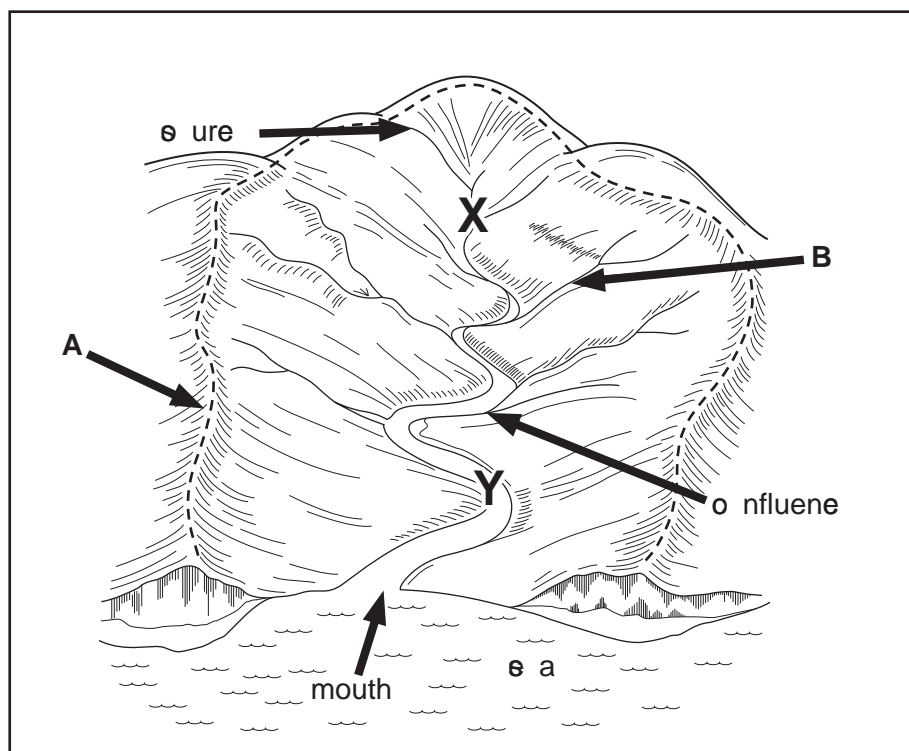


Fig. 4.1

- (i) On Fig. 4.1 draw an arrow to show the direction the river is flowing. [1]
- (ii) Identify the features labelled at **A** and **B**.
- A**
- B** [2]
- (iii) Describe **three** differences between the river valley at **X** and **Y**.
- 1
-
- 2
-
- 3
- [3]

- (iv) Explain why deposition occurs where the river enters the sea.

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..... [4]

- (b) Study Fig. 4.2 (Inset), a photograph of part of an oxbow lake.

- (i) Describe the characteristics of the oxbow lake shown in Fig. 4.2.

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..... [3]

- (ii) Explain how an oblique lake is formed.
You may use a labelled diagram.

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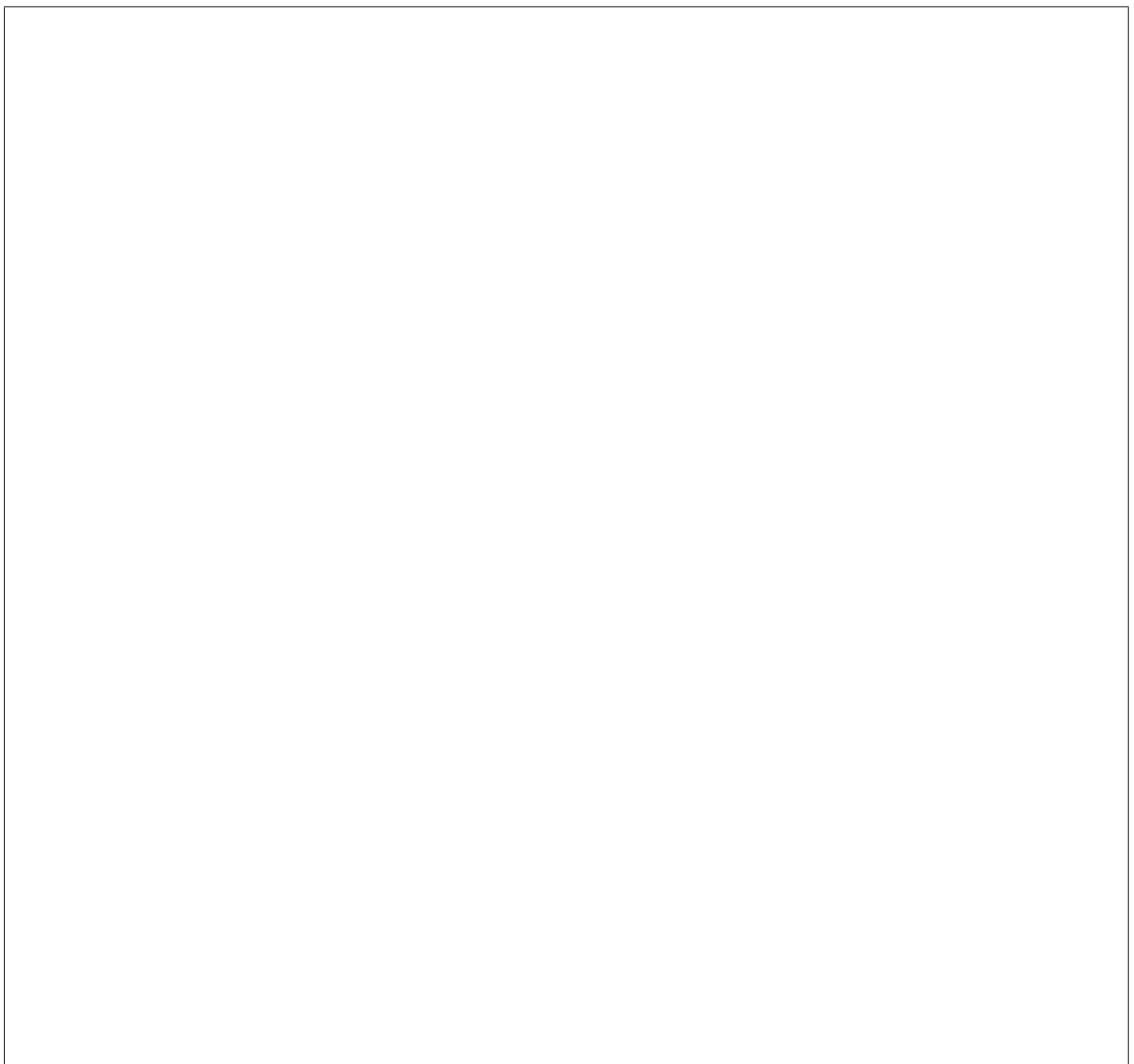
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[5]

(c) For a river you have studied, describe the impacts of a flood.

Name of river

[7]

[Total: 25]

Section C

Answer **one** question from this section.

- 5 (a) Study Fig. 5.1 (Insert), a map showing the importance of different industries in Austria (an MEDC in Europe).

(i) What is meant by *food processing* industry?

.....
 [1]

(ii) Name **two** places where food processing industries are located.

1

2

[2]

(iii) Describe the distribution of industry in Austria.

.....

 [3]

(iv) Compare the importance of different industries in Linz and Graz

.....

 [4]

- (c)** Explain how a named economic activity in an area you have studied is managed to reduce risks to the natural environment.

Name of area

Economic activity

..... [7]

[Total: 25]

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- 6 (a) Study Fig. 6.1, a scatter graph showing the relationship between two indicators of development in selected countries

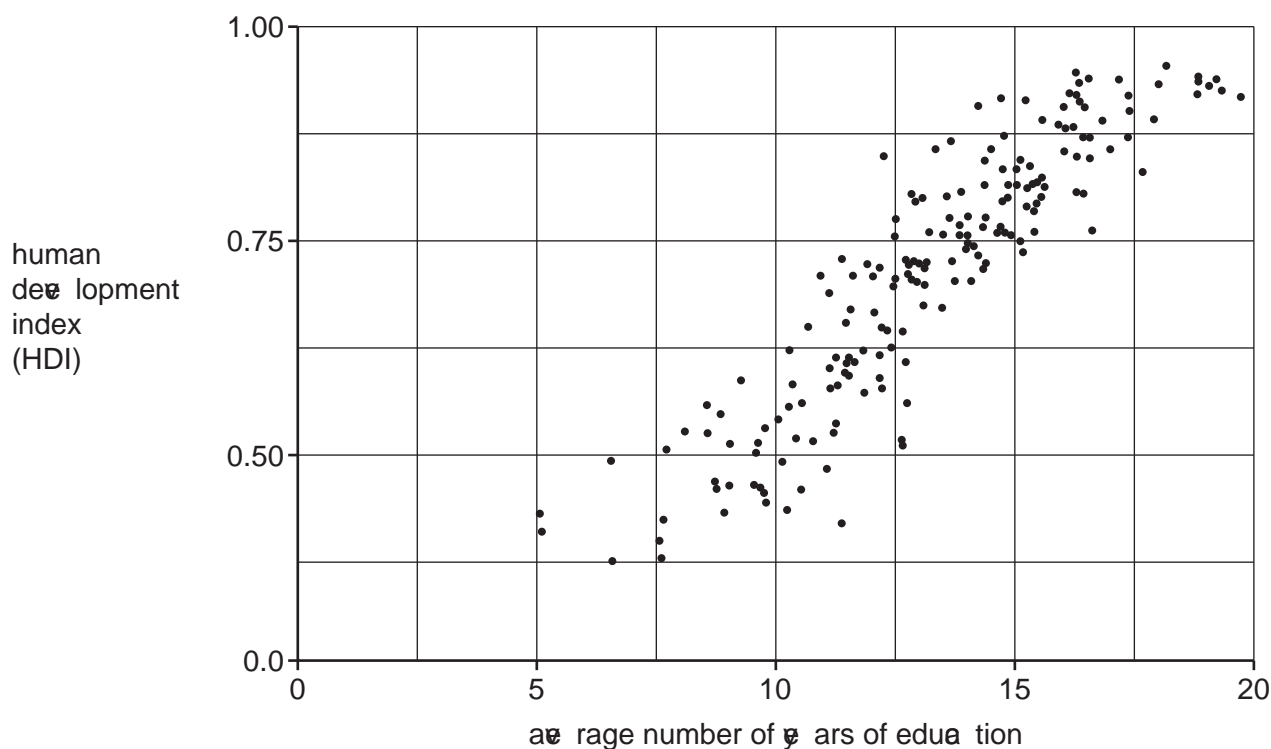


Fig. 6.1

- (i) Draw a best-fit line on Fig. 6.1. [1]
- (ii) To what extent does Fig. 6.1 show that there is a relationship between Human Development Index (HDI) and average number of years of education?

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..... [2]

- (iii) Explain why there is a relationship between HDI and average number of years of education.

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..... [3]

- (iv) Compare the usefulness of HDI and the total GNP (Gross National Product) of a country as indicators of its level of development.

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..... [4]

- (b) Study Fig. 6.2, a graph showing the percentage of women employed in the primary, secondary and tertiary sectors in Indian cities between 1984 and 2018.

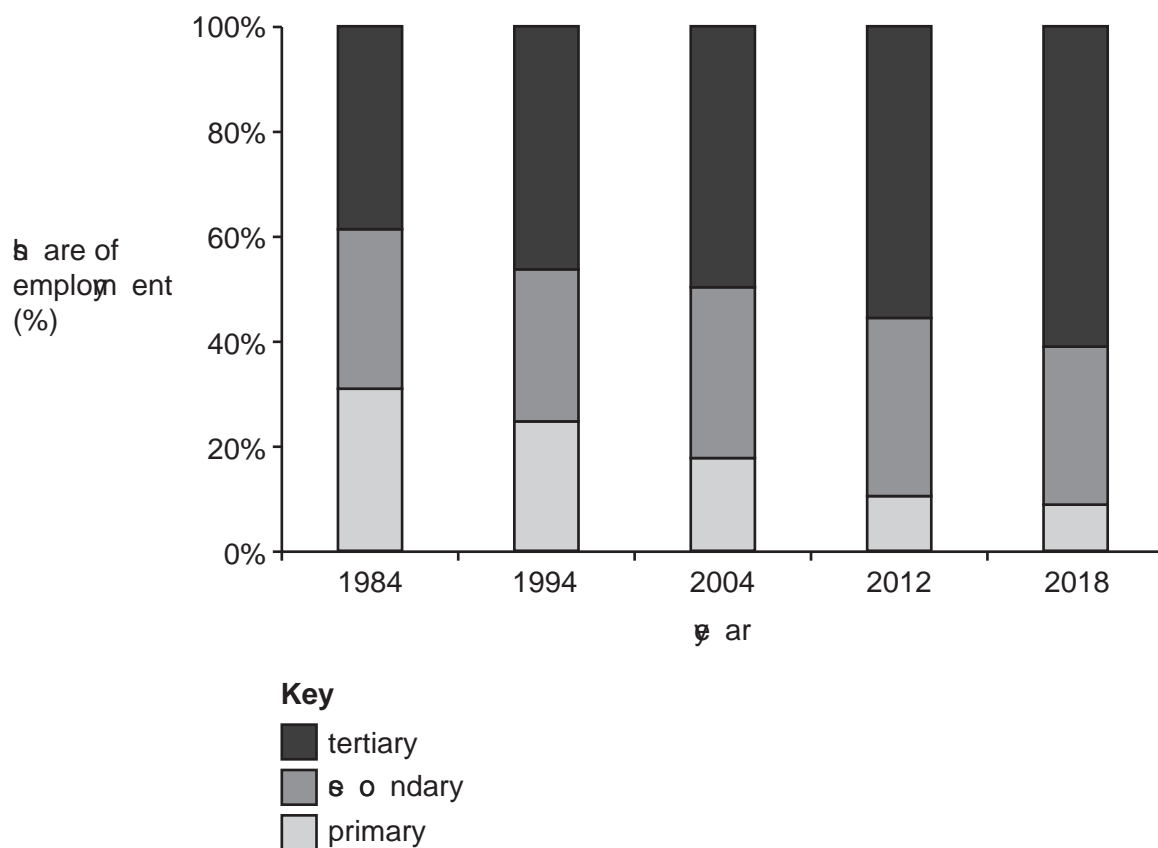


Fig. 6.2

- (i) Using Fig. 6.2, describe the changes in the percentage of women employed in the primary, secondary and tertiary sectors between 1984 and 2018.

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..... [3]

- (ii) Suggest reasons why the percentage of women employed in the tertiary sector or in cities in India has changed between 1984 and 2018.

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..... [5]

(c) Explain why globalisation has occurred. You should refer to named examples.

[7]

[Total: 25]

