



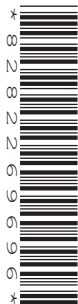
Oxford Cambridge and RSA

**Wednesday 1 December 2021 – Morning**

**GCSE (9–1) Geography B  
(Geography for Enquiring Minds)**

**J384/03** Geographical Exploration

**Time allowed: 1 hour 30 minutes**



**You must have:**

- the Resource Booklet (inside this document)

**You can use:**

- a ruler (cm/mm)
- a scientific or graphical calculator



Please write clearly in black ink. **Do not write in the barcodes.**

Centre number

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Candidate number

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First name(s)

Last name

**INSTRUCTIONS**

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided. If you need extra space use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- Answer **all** the questions.

**INFORMATION**

- The total mark for this paper is **60**.
- The marks for each question are shown in brackets [ ].
- Quality of extended response will be assessed in questions marked with an asterisk (\*).
- Spelling, punctuation and grammar (SPaG) and the use of specialist terminology will be assessed in questions marked with a pencil (✎).
- This document has **12** pages.

**ADVICE**

- Read each question carefully before you start your answer.

Answer **all** the questions.

- 1 (a) Study **Fig. 1** in the separate Resource Booklet, which shows a map of the world showing the location of Vanuatu.

Vanuatu is an archipelago; over 80 small islands make up the country.

Describe the location of Vanuatu.

.....

.....

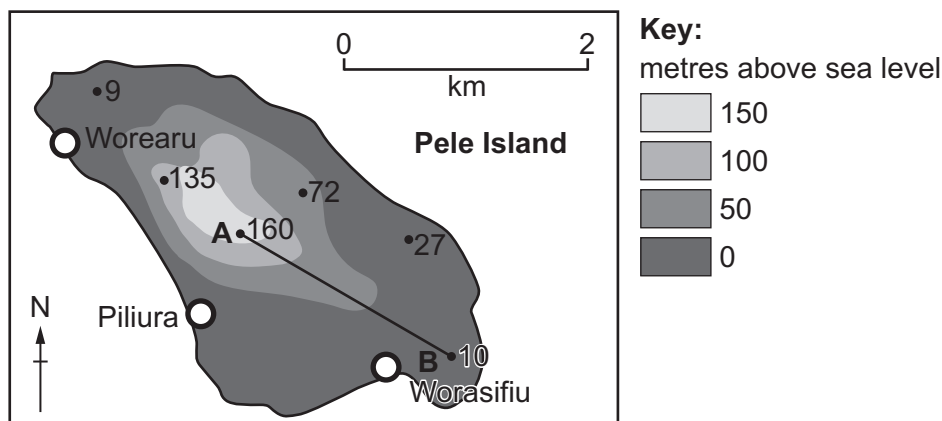
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.....

..... [3]

- (b) Study **Fig. 2** in the separate Resource Booklet, which shows a map of Vanuatu. Pele Island is to the north of Efate Island, where the capital Port Vila is located. A more detailed relief map is shown below:



- (i) What is the maximum height above sea level found on Pele Island?

..... [1]

- (ii) Using the relief map, calculate the gradient from **A** to **B**. Show your working.

..... [2]

- ..... [1]

- ..... [1]

- [6]

- 2 (a) Study **Fig. 4** in the separate Resource Booklet, an excerpt from the Vanuatu Climate Minister's speech at the 2015 Climate Change Conference in Paris.

(i) Explain what is meant by the term 'climate change'.

.....

.....

.....

..... [2]

(ii) Using **Fig. 4**, state **two** natural hazards which Vanuatu was recovering from in December 2015.

1 .....

2 ..... [2]

- (b) Study **Fig. 5** in the separate Resource Booklet, which shows climate change information for Luganville.

(i) Estimate the percentage of Luganville that is at risk of flooding from climate change.

..... % [1]

(ii) Using evidence from **Fig. 5**, outline **one** economic impact climate change may have on Luganville.

.....

.....

.....

.....

.....

..... [3]

[12]

**3 (a)** Explain how tropical storms cause extreme weather conditions.

..... [3]

**(b)** Study **Figs. 6 and 7** in the separate Resource Booklet, which show a factfile on impacts of Cyclone Pam and Global Environment Facility (GEF) information.

(i) Using the newspaper report in **Fig. 6**, suggest **one** way that the article demonstrates bias.

..... [1]

(ii) Using the table in **Fig. 7**, calculate the range of GEF funding per capita for the six countries.

..... [1]

**(c)** Study **Fig. 8** in the separate Resource Booklet, which shows opinions on climate change. Using **Fig. 8**, assess how global impacts of climate change have affected Vanuatu.

..... [6]

**4\*** Using the information in the separate Resource Booklet and your own understanding:

1 Evaluate whether environmental problems are the most significant reason for Vanuatu's current level of development.

2 Outline **one** aid strategy for Vanuatu and provide reasons for your choice.

**[12]**

(✎) Spelling, punctuation and grammar and the use of specialist terminology [3]

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