

Class:	Register No:	Name:
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CRESCENT GIRLS' SCHOOL
SECONDARY FOUR
PRELIMINARY EXAMINATION 2024

GEOGRAPHY

2279/02

Paper 2

27 August 2024

1 hour 45 minutes

Candidates answer on the Question Paper.

Additional Materials: Insert

READ THESE INSTRUCTIONS FIRST

Write your name, register number and class in the spaces provided at the top of this page.

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.

Answer **all** questions.

The Insert contains additional resources referred to in the question.

Candidates should support their answers with the use of relevant examples.

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

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

The total number of marks for this test is 50 marks.

Answer **all** questions.

1 Cluster 1: Geography in Everyday Life

- (a)** Fig. 1 (Insert) is an infographic of the Housing Development Board (HDB) Green Towns Programme.

Using Fig. 1, describe how an urban neighbourhood can be environmentally sustainable. [3]

- (b)** Explain how rooftop gardens may provide ecosystem services for a neighbourhood. [3]

Fig. 2 shows a Countdown to New Year celebration held in a local Community Hub in the eastern part of Singapore.

Countdown to New Year Celebration at a Community Hub



Fig. 2

- (c) With reference to Fig. 2, explain how people acquire a sense of place in their neighbourhood. [3]

- (d)** Assess the benefits and disadvantages that the relationship between people and nature bring to each other. [6]

[illegible]

2 Cluster 4: Tectonics

Fig. 3 shows the global distribution of volcanoes and Fig. 4 (Insert) shows an infographic on Mount Ruang, an active volcano in North Sulawesi, Indonesia which erupted in April 2024.



(a) Using Fig. 3, describe the global distribution of volcanoes.

[3]

[Turn over

- (b) (i) Using Fig. 3 and Fig. 4, explain the formation of Mount Ruang. [4]

- (ii) Describe the criteria that the Volcanic Explosivity Index (VEI) uses to determine the explosivity of volcanic eruptions such as the eruption of Mount Ruang. [2]

- (iii) Using Fig. 4, describe the distribution of threats brought about by the eruption of Mount Ruang. [3]

- (iv) Using Fig. 4, explain the impacts of a volcanic eruption like Mount Ruang on the human system. [3]

[Total: 15]

3 Cluster 5: Singapore

- (a) Fig. 5 (Insert) shows the infographic on Singapore's population between 2010 to 2020 where the population grew by 1.1%, the lowest decade of growth since the country's independence.

Using Fig. 5, explain how changing demographics affect Singapore, making the country vulnerable to economic issues. [4]

- (b) With the use of specific examples, account for Singapore's resilience in overcoming national crises. [4]

- (c) Explore the ways in which Singapore has tapped on innovation to adapt to climate change. [3]

- (d)** 'Environmental and climate resilience efforts are far more important than economic resilience efforts in achieving sustainable development in Singapore.'

To what extent do you consider this statement to be true? Explain your answer.

[9]

[illegible]

[illegible]

This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the page.

End of Paper

Question 1	Fig. 1	© https://tinyurl.com/S4CoreGeogP2A
	Fig. 2	© https://tinyurl.com/S4CoreGeogP2B
Question 2	Fig. 3	© source own
	Fig. 4	© https://tinyurl.com/S4CoreGeogP3C
Question 3	Fig. 5	© https://tinyurl.com/S4CoreGeogP2D

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