

**PRELIMINARY EXAMINATION 2025
YEAR FOUR O-LEVELS**

Candidate Name

Index Number

Paper 2 Geography

2279/02

Tuesday

19 August 2025

1 hour 45 minutes

Candidates answer on the Question Paper.

Additional Materials: Insert

READ THESE INSTRUCTIONS FIRST.

Write your name and index number on all the work you hand in.

Write in dark blue or black pen.

You may use a 2B 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 questions.

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

The total number of marks for this exam is **50**.

This document consists of **12** printed pages and **1** Insert.

Answer **all** questions.

1 Cluster 1: Geography in Everyday Life

- (a)** Study Fig. 1.1 (Insert), which shows a garden in a housing estate in Singapore.

Using Fig. 1.1, explain how the garden may provide provisioning and cultural ecosystem services.

[2]

- (b)** Study Fig. 1.2 (Insert), which shows the top three causes of residential fires in Singapore in 2019 and 2020.

- (i)** Using Fig. 1.2, compare the trend in the top three causes of residential fires between 2019 and 2020.

[2]

- (ii)** Describe how fires can negatively affect the residents.

[2]

- (iii)** Explain how building community resilience might reduce the risk of residential fires.

[2]

- (c)** Study Fig. 1.3 (Insert), which shows an activity for children conducted weekly in a community centre in Singapore.

Explain how the activity helps to enhance a sense of place for children.

[2]

- (d)** Study Fig. 1.4 (Insert), which shows a woman attacked by a wild boar in Singapore.

With reference to Fig. 1.4, describe the negative impacts that nature may bring to society.

[2]

- (e) Study Fig. 1.5 (Insert), which shows a recycling bin at a housing estate in Singapore.

With reference to Fig. 1.5, evaluate the effectiveness of recycling bins in promoting environmental stewardship in neighbourhoods in Singapore.

[3]

[Total: 15]

2 Cluster 4: Tectonics

- (a) Study Fig. 2.1 (Insert), which shows a diagram on magnetic striping.

Using Fig. 2.1, identify landform X and state whether rocks W or Y are older.

[2]

- (b) Study Fig. 2.2 (Insert), which is a diagram showing the formation of a tsunami.

Using Fig. 2.2, describe the formation of a tsunami.

[4]

- (c)** “Land use planning is the most important strategy in building community resilience to earthquakes and volcanic eruptions.”

How far do you agree with this statement? Explain your answer.

[illegible]

[illegible]

3 Cluster 5: Singapore

- (a) Study Fig. 3.1 (Insert), which shows Singapore's '3 food baskets'.

With reference to Fig 3.1 and named examples, describe two strategies from the 'food baskets' to maintain an adequate food supply in Singapore.

[4]

- (b) Explain the challenges Singapore would face if a nearby region were to experience a mega-earthquake.

[3]

- (c)** Study Fig. 3.2 (Insert), which shows some buildings in Marina Bay in Singapore.

Using Fig. 3.2, explain how the development of the Marina Bay area supports Singapore's goals for sustainable development.

[3]

- (d)** Evaluate the effectiveness of two initiatives to build social resilience to achieve sustainable development in Singapore.

[4]

- (e) Study Fig. 3.3, which is adapted from a newspaper article on Jurong Island.

Jurong Island is looking greener than ever, with the addition of 34,000 trees since 2020. The number of trees on the island has quadrupled to 44,000 in April 2023 from 10,000 in 2019. This comes after the conclusion of a three-year Greening Project by Jurong Town Council (JTC) Corporation and the National Parks Board (NParks), the two agencies said in a joint statement on Friday.

The trees will also help to cool down the island – which is in one of the hotter areas in Singapore – by reducing the urban heat island effect. JTC’s master plan to green Jurong Island is a great step towards making Singapore’s City in Nature vision a reality.

Adapted from The Straits Times. Published on 21 April 2023.

Fig. 3.3

- (i) Explain what is meant by the urban heat island effect.

[2]

- (ii) With reference to Fig. 3.3, explain how the development of Jurong Island contributes to Singapore’s economic growth without compromising the quality of life of its nearby residents.

[4]

[Total: 20]

Additional page

If you use the following page to complete the answer to any question, the question number must be clearly shown.

[illegible]

Additional page

If you use the following page to complete the answer to any question, the question number must be clearly shown.

[illegible]