

Name:

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Class:



南橋中學

For Marker's Use

NAN CHIAU HIGH SCHOOL

**PRELIMINARY EXAMINATION 2025
SECONDARY FOUR EXPRESS**

GEOGRAPHY

2279/02

Paper 2

29 August 2025, Friday

1 hour 45 minutes

Candidates answer on the Question Paper.

READ THESE INSTRUCTIONS FIRST

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

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 questions.

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

The total marks for this paper is 50.

(a) Study Fig. 1.1 (Insert), which shows the locations of popular shopping malls and Shibuya Station in Tokyo.

- [2]

[3]

Japan for Sustainability

Fig. 1.3

- [4]

- (b) In early 2025, a fast-moving wildfire broke out in the Palisades neighbourhood of Los Angeles, California, following weeks of dry weather, strong winds, and the rapid spread of flammable vegetation. The fire swept through the suburban area, destroying homes, infrastructure, and nearby natural spaces. Hundreds of residents were forced to evacuate.

Study Figs. 1.4 and 1.5 (Insert), which show scenes from the Palisades neighbourhoods in California after the 2025 wildfires.

- i. With reference to Fig. 1.4 (Insert), describe the economic impacts of the wildfire on the Palisades neighbourhoods in California.

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.....[3]

- ii. Using Figs 1.4 and 1.5 (Insert), comment on how events like these may affect the Palisades residents' sense of place.

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.....[3]

[Total: 15]

- Study Fig. 2.1 (Insert), which shows a map showing the location of Sagaing fault in Myanmar and the distribution of earthquakes in the region since 1900.

-[4]

- ii. Using Fig. 2.1 (Insert), calculate the population density of Naypyidaw.

.....[1]

- iii. Using Fig. 2.1 (Insert), explain why the 2025 earthquake caused severe devastation in Myanmar despite the country experiencing many magnitude 6+ earthquakes since 1900.

[4]

- (b)** Study Fig. 2.2 (Insert), which shows Singapore's cyborg cockroaches being used to help with search-and-rescue efforts following the 2025 Myanmar quake.

With reference to Fig. 2.2 (Insert) and your own knowledge, evaluate the effectiveness of disaster response strategies implemented immediately after an earthquake.

.....[6]

3 Cluster 5: Singapore

- (a)** i. Describe two physical vulnerabilities that Singapore faces.

[4]

- ii. Study Figs. 3.1 and 3.2 (Insert), which shows a cartoon on global trade tensions following the introduction of tariffs by the United States in 2025, and an article on the impact of changing global trade policies on Singapore respectively.

Using Figs. 3.1 and 3.2 (Insert), suggest how Singapore may be affected by global trade policies such as the 2025 US tariffs.

[4]

- (b)** Study Fig. 3.3, which shows a summary of design features of Changi Airport's upcoming Terminal 5.

Singapore Changi Terminal 5 Breaks Ground: What Travelers Can Expect by the 2030s

MustShareNews

Terminal 5 will be one of the world's largest airport terminals, designed to meet future travel needs more efficiently. The terminal layout includes shared-use spaces where departure, arrival, and transit areas are placed close together, allowing passengers and airport staff to move between functions more easily. The terminal is also designed with flexible spaces that can be adjusted based on passenger volume. For example, specific areas can be opened or closed depending on how busy the airport is at different times, or during periods of recession or border restrictions.

Climate-friendly features include energy-efficient cooling systems, natural lighting, and provisions for using sustainable aviation fuel. The building will also use smart controls to reduce energy consumption and incorporate green building materials to minimise its environmental footprint.

Fig. 3.3

Using Fig. 3.3, account for how the design features of Terminal 5 support Singapore's long-term ability to cope with global challenges.

[3]

- (c)** Study Fig. 3.4 (Insert), which shows the Singapore Hotel Sustainability Roadmap.

With reference to Figs 3.3 and 3.4 (Insert), evaluate the extent to which Singapore can balance economic growth in tourism with climate sustainability.

[illegible]

Additional Page

Additional Page

Copyright Acknowledgements:

Figure 1.1	©	https://www.booking.com/hotel/jp/center-of-shibuya-9min-walk-from-shibuya-max-8ppl.id.htm?activeTab=photosGallery
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Figure 1.3	©	Adapted from https://www.japanfs.org/en/news/archives/news_id027856.html
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Figure 1.5	©	https://www.npr.org/sections/the-picture-show/2025/01/13/g-s1-42407/see-california-wildfire-devastation-pictures-altadena-eaton-palisades
Figure 2.1	©	Adapted from https://www.reuters.com/world/asia-pacific/what-caused-powerful-earthquake-myanmar-thailand-2025-03-28/ Adapted from https://www.britannica.com/event/Myanmar-earthquake-of-2025
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Figure 3.1	©	https://vocal.media/trader/trump-tariffs-vs-the-world
Figure 3.2	©	Adapted from https://www.channelnewsasia.com/singapore/us-tariffs-impact-singapore-lee-hsien-loong-economic-society-dialogue-5239856
Figure 3.3	©	Adapted from https://businesstravelerusa.com/news/singapore-changi-terminal-5/
Figure 3.4	©	https://www.gstc.org/singapore-hotel-sustainability-roadmap/