



NAN HUA HIGH SCHOOL
Preliminary Examination 2026

CANDIDATE
NAME

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CENTRE
NUMBER

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CLASS

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INDEX
NUMBER

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GEOGRAPHY

2279/02

Paper 2

28 August 2026

1 hour 45 minutes

Candidates answer on the Question Paper.
Additional materials: Insert

READ THESE INSTRUCTIONS FIRST

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

Write your answers on the lines provided for each question.

Write in dark blue or black ink. You may use a pencil for any diagrams or graphs.

Do not use staples, paper clips, glue, highlighters, or correction fluid/tape.

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 mark for this paper is **50**.

This document consists of **17** printed pages, **1** blank page and **1** Insert.

[Turn over

1 Cluster 1: Geography in Everyday Life

- (a)** Study Fig. 1.1 (Insert), which shows a media representation of Yishun Housing Estate.

With reference to Fig.1.1, explain how media representations can affect an individual's sense of place.

[4]

- (b)** Study Fig. 1.2 (Insert), which shows the 2025 Master Plan for Singapore to sustain a thriving economy.

Using Fig. 1.2, explain how long-term planning helps to create connections and synergies across neighbourhoods and towns for economic sustainability.

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- (c) Study Table 1 below, which shows the causes of residential fires in Singapore from 2022 to 2025.

Table 1

Causes of residential fires from 2022 to 2025

Cause of residential fires	2022	2023	2024	2025
Unattended cooking	367	384	335	318
Electrical origin	240	276	299	304
Fires involving Active Mobility Devices (AMDs)	58	76	67	49
Total residential fires	911	1,005	968	1,051

Using Table 1, compare how the causes of residential fires changed from 2022 to 2025.

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- (d) Explain how supporting ecosystem services support the functions of all other ecosystem services.

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[Total: 15]

2. Cluster 4: Tectonics

- (a) Study Fig. 2.1 (Insert), which shows a divergent plate boundary.

Using Fig. 2.1, explain the formation of landforms at this divergent plate boundary.

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(b) Study Table 2, which shows information of three volcanoes and their eruptions.

Table 2

Information about three volcanoes and their eruptions

Name of volcano & Year of eruption	VEI	Fatalities	Estimated Economic Damage	Exposure to Human Settlements	Presence of Lahars	Distribution of Tephra
Nevado del Ruiz (1985) Colombia	3	25,000	US\$1 billion	Very high. Armero (a town) was in the path of lahars.	Huge volumes of lahars from melted summit glaciers	Moderate ashfall mainly near the volcano.
Eyjafjallajökull (2010) Iceland	4	0	US\$5 billion globally (mainly aviation losses)	Low. Major exposure to international aviation.	Small local lahars from glacial meltwater.	Fine ash dispersed across northern Europe, disrupting air travel.
Merapi (2010) Indonesia	4	353	US\$600 million	Very high. Villages located on fertile volcanic slopes.	Frequent lahars during rainy season after eruption.	Ashfall affected much of Central Java.

Using Table 2, explain why volcanic eruptions with similar Volcanic Explosive Index (VEI) could result in different amounts of damages.

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- (c) Study Fig. 2.2 (Insert), which shows the before and after eruption photographs of Mount Merapi, Indonesia.

Using Fig. 2.2, describe the changes in the volcano after the eruption.

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- (d) Evaluate the effectiveness of disaster management strategies in managing the impacts of a tectonic hazard.

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3. Cluster 5: Singapore

(a) Describe how Singapore used technology to mitigate tectonic hazards in the region.

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- (b) Study Fig. 3.1 (Insert), which shows information on how volcanoes could affect Singapore.

With reference to Fig. 3.1, explain how volcanic eruptions could affect Singapore.

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- (c) Study Fig. 3.2 (Insert), which shows Southeast Asian countries with the most international arrivals in 2024. Singapore is ranked 4th with 16.5 million tourists.

With reference to Fig. 3.2, explain how a growing region can impact Singapore's tourism development both positively and negatively.

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- (d)** “Dynamic urban governance is more important than building resilience in Singapore’s approach to sustainable development.”

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

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[Total: 20]

Additional page

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Additional page

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

This image shows a full page of a notebook or worksheet. It features approximately 20 evenly spaced horizontal dotted lines across its entire width, providing a guide for handwriting practice. The background is plain white, and there are no margins, text, or other markings present.

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Copyright Acknowledgements

Question 1	Figure 1.1	https://www.youtube.com/watch?v=KdDQBDYYms0
Question 1	Figure 1.2	https://www.ur.gov.sg/land-planning/master-plan/master-plan-2025/themes/enabling-sustainable-growth/vibrant-business-and-job-nodes/
Question 2	Figure 2.1	https://www.geologyin.com/2014/07/east-africas-great-rift-valley-complex.html
Question 2	Figure 2.2	https://www.nationalgeographic.com/environment/article/tsunamis
Question 3	Figure 3.1	https://www.straitstimes.com/singapore/with-466-undersea-volcanoes-in-region-singapore-at-risk-if-big-eruption-hits-scientists
Question 3	Figure 3.2	https://www.instagram.com/p/DF62vC7TSIc/