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Class Index Number

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METHODIST GIRLS' SCHOOL

Founded in 1887



PRELIMINARY EXAMINATION 2026 Secondary 4

HUMANITIES (Geography)

Monday
17 August 2026

2260/02
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 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.

Section A

Answer Question 1 **and** Question 2.

Section B

Answer **either** Question 3 **or** Question 4.

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.

Section A

Answer Question 1 and Question 2.

1 Cluster 1: Geography in Everyday Life

(a) Study Fig. 1.1 (Insert), which shows a part of the Rail Corridor near Bukit Timah.

(i) Using Fig. 1.1, identify one supporting ecosystem service provided by the Rail Corridor.

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 [1]

(ii) Explain how green areas the Rail Corridor contributes to residents' sense of place.

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 [2]

(b) Study Fig. 1.2 (Insert), which is a signage alerting users of potential hazards along the Rail Corridor, and Fig. 1.3, which is map that includes the map of part of the Rail Corridor with the location of AEDs ((Automated External Defibrillator).

Using Figs. 1.2 and 1.3, explain how such maps and signages can help build community resilience in Singapore.

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 [3]

- (c) A group of students wishes to investigate how different groups of visitors use the Rail Corridor throughout the day. They intend to conduct pedestrian counts and questionnaires at several access points.

- (i) Using Fig. 1.3, elaborate on how the students should collect their data for their investigation.

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- (ii) Suggest **three** questionnaire questions that would help students understand why visitors choose to use the Rail Corridor.

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[Total: 14]

2 Cluster 2: Tourism

(a) Study Fig. 2.1 (Insert), which shows the annual number of visitors to Vietnam between 2010 and 2025.

(i) Using Fig. 2.1, describe the trends in visitor numbers to Vietnam between 2010 and 2025.

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(ii) Explain reasons for the increase in visitor numbers in rapidly growing tourist destinations such as Vietnam.

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- (b) Study Fig. 2.2 below, which is a news report on tourism management in Komodo National Park.

Komodo National Park limits tourist visits to 1,000 per day

Komodo National Park has become one of Indonesia's fastest-growing tourist destinations. Visitor numbers have increased rapidly following improvements in transport links and extensive promotion on social media. However, conservationists have expressed concern that overcrowding is damaging coral reefs, disturbing Komodo dragons and increasing litter in protected areas.

The high number of tourists visiting the area each year is considered to put excessive pressure on the environment. The latest tourism data has shown that visits reached 429,509 visitors in 2025 with 68 percent of that total consisting of international tourists. This number has exceeded the annual tourism carrying capacity of the entire region according to a 2022 study. The study previously set the carrying capacity for both land and water areas at 378,870 visitors per year.

To reduce environmental impacts, the Indonesian government has introduced measures including limiting daily visitor numbers, increasing entrance fees, designating specific walking trails and restricting access to sensitive habitats. Local businesses have expressed concerns that these measures could reduce tourism income, while environmental groups argue that stricter regulations are still needed.

Fig. 2.2

Using Fig. 2.2, explain why Komodo National Park may be entering the stagnation stage of the tourism destination cycle.

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- (c)** "Strict visitor management and other aspects of ecotourism are effective in achieving sustainable tourism."

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

This image shows a full page of a handwriting practice worksheet. It consists of multiple rows of horizontal dashed lines spaced evenly down the page, providing a guide for letter height and placement. The background is plain white, and there are no other markings or text present.

- (b)** Study Fig 3.2 (Insert), which shows the estimated potential reduction in carbon dioxide emissions by 2050.

With reference to Fig 3.2, evaluate the strategies for mitigating climate change.

[6]

- (c) With the aid of a diagram, explain the formation of relief rain.

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[Total: 18]

4 Cluster 4: Tectonics

- (a)** Study Fig. 4.1 (Insert), which shows the distribution of ocean trenches and volcanoes around the Pacific Ocean.

- (i) Using Fig. 4.1, describe the distribution of volcanoes.

[3]

- (ii) Explain the relationship between the distribution of ocean trenches and volcanoes.

[4]

- (b) Explain how slab pull force is a driving force that causes the movement of tectonic plates.

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- (c) Study Fig. 4.2 (Insert), which shows the main differences between continental and oceanic plates.

With reference to Fig. 4.2, describe the main differences between continental and oceanic plates.

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- (d) Compare between the eruptions of shield volcanoes and stratovolcanoes

Additional page

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

[illegible]

Additional page

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Copyright Acknowledgements

Question 1	Fig. 1.1	© https://railcorridor.nparks.gov.sg/visit-rail-corridor
Question 1	Fig. 1.2	© https://railcorridor.nparks.gov.sg/visit-rail-corridor
Question 2	Fig. 2.1	© https://www.untourism.int/tourism-statistics
Question 2	Fig. 2.2	© https://en.antaranews.com/news/412205/komodo-national-park-limits-tourist-visits-to-1000-per-day
Question 3	Fig. 3.1	© https://www.c40.org/what-we-do/scaling-up-climate-action/water-heat-nature/the-future-we-dont-want/sea-level-rise/
Question 3	Fig. 3.2	© adapted: IPCC AR6 Mitigation Report (2022); https://www.iea.org/data-and-statistics/charts/cumulative-emissions-reduction-by-mitigation-measure-in-the-net-zero-scenario-2021-2050
Question 4	Fig. 4.1	© https://www.kids-fun-science.com/what-is-ring-of-fire.html
Question 4	Fig. 4.2	© https://geologylearn.blogspot.com/2016/02/what-drives-plate-motion-and-how-fast.html
Question 4	Fig. 4.3	© https://www.geologyin.com/2016/01/what-is-difference-between-oceanic.html