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CATHOLIC HIGH SCHOOL

Preliminary Examination

Secondary 4 (O-Level Programme)

HUMANITIES

2260/02

Paper 2 Geography

23 Aug 2024

1 hour 45 minutes

Additional Materials: Insert

READ THESE INSTRUCTIONS FIRST

Write your name, index number and class 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, highlighters, glue or correction fluid.

Answer **three** questions in total:

Section A

Answer Question 1 **and** Question 2.

Section B

Answer 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.

You may use the additional pages at the back of this booklet, where necessary.

For examiner's use only:

Question 1	/ 14
Question 2	/ 18
Question 4	/ 18
Total	/ 50

This document consists of **13** printed pages, **1** blank page and **1** Insert.

[Turn over

Section A

Answer Question 1 **and** Question 2.

1 Cluster 1: Geography in Everyday Life

- (a)** Study Fig. 1.1 (Insert), which shows the National Day Parade (NDP) held in 2023. The National Day Parade is an annual event held in Singapore to commemorate its independence.

Using Fig. 1.1 (Insert), suggest how the National Day Parade enhances Singaporeans' sense of place.

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- (b)** Study Figs. 1.2 and 1.3 (Insert), which shows two mental maps drawn by two individuals living in Toa Payoh.

With supporting information from Figs. 1.2 and 1.3 (Insert), suggest why the mental maps differ.

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- (c)** Study Fig. 1.4 (Insert), which shows a map of the Park Connector Network (PCN) in the central region of Singapore.

The Park Connector Network (PCN) is a network of walking, running, and cycling paths that connect various parks and green spaces in Singapore.

- (i) A group of students wanted to find out if park connectors encourage physical activities such as walking, running and cycling, which enhance residents' overall well-being. They designed a closed-ended questionnaire to test the hypothesis: 'The Park Connector Network enhances people's well-being'.

With reference to Fig. 1.4 (Insert), evaluate the suitability of Sites 1 and 2, each marked by an 'X', for students to collect data to test the hypothesis.

[6]

- (ii) The results of one question in the questionnaire is shown in Tables 1 and 2.

Question 2: Please indicate your level of satisfaction with the PCN in this neighbourhood:

Ang Mo Kio Neighbourhood

Level of satisfaction					
	very dissatisfied	somewhat dissatisfied	neither satisfied nor dissatisfied	somewhat satisfied	very satisfied
Number of respondents	1	9	35	33	22

Table 1

Toa Payoh Neighbourhood

Level of satisfaction					
	very dissatisfied	somewhat dissatisfied	neither satisfied nor dissatisfied	somewhat satisfied	very satisfied
Number of respondents	1	3	15	47	34

Table 2

What type of rating scale is used in this questionnaire?

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- (iii) Describe how the data in Table 1 may be represented.

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2 Cluster 2: Tourism

- (a) Explain how globalisation encourages international tourism.

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- (b) Study Fig. 2 (Insert), which shows three photographs of popular tourist sites in Cambodia.

With reference to Fig. 2 (Insert), suggest how tourism may affect the environment in **each** site differently.

Angkor Wat Temple

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Sihanoukville beach

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Kratie Town

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- (c)** Outline the role of the government in enabling sustainable tourism development.

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(d) 'Ecotourism is the most effective approach to achieve sustainable tourism development.'

To what extent do you agree with this statement? Explain your answer using examples.

[illegible]

Section B

Answer Question 4.

4 Cluster 4: Tectonics

- (a)** Study Fig. 4.1 (Insert), which shows magnetic striping on the seafloor.

With reference to Fig. 4.1 (Insert), describe how magnetic striping supports the plate tectonic theory.

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- (b)** Study Fig. 4.2 (Insert), which shows a map of the 2011 Tohoku Earthquake in Japan.

Using Fig. 4.2 (Insert), explain the tectonic processes that resulted in the Tohoku earthquake.

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- (c)** Describe the different impacts caused by volcanic eruptions on natural and human systems.

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- (d)** Study Fig. 4.3 (Insert), which is a scatter graph showing the relationship between the Volcanic Explosivity Index (VEI) and the average number of deaths worldwide.

Using Fig. 4.3 (Insert), describe the relationship between VEI and the average number of deaths worldwide.

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- (e) Using Fig. 4.4 (Insert), describe how community resilience is strengthened against tsunamis in Ishinomaki City, Japan.

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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.

This image shows a full page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook or legal stationery. There are no margins, text, or other markings on the page.

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]

End of Paper

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Copyright Acknowledgements:

Question 1(a)	Figure 1.1	https://www.straitstimes.com/singapore/ndp-2021-to-be-held-at-marina-bay-floating-platform-with-fewer-spectators-all-must-be
Question 1(c)(i)	Figure 1.4	https://pcn.nparks.gov.sg/files/PCN%20CUL%20Brochure.pdf
Question 2(b)	Figure 2	https://www.planetware.com/cambodia/phnom-penh-cam-1-2.htm
Question 4(a)	Figure 4.1	https://flexbooks.ck12.org/cbook/ck-12-middle-school-earth-science-flexbook-2.0/section/
Question 4(b)(i)	Figure 4.2	Complete Guide to Geography for Cambridge IGCSE and O Levels, 2nd edition
Question 4(d)	Figure 4.3	https://www.researchgate.net/figure/Statistics-of-death-of-each-volcano-VEI
Question 4(e)	Figure 4.4	https://www.unisdr.org/files/globalplatform/592ac9ae5470e2._OHARA_LAND_USE_SESSION_26MAY2017.pdf