

Name:		Index Number:		Class:	
--------------	--	----------------------	--	---------------	--



CATHOLIC HIGH SCHOOL **Preliminary Examination** **Secondary 4 (O-Level Programme)**

GEOGRAPHY

2279/01

27 August 2025

1 hr 45 mins

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 a soft pencil for any rough working.

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

DO **NOT** WRITE ON THE MARGINS.

Answer **all** questions.

For examiner's use only:

Question 1	/ 20 m
Question 2	/ 15 m
Question 3	/ 15 m
Total	/ 50 marks

1. Write all answers on this booklet.
2. You may use the additional pages at the back of this booklet, where necessary.
3. The number of marks is given in brackets [] at the end of each question or part question.

This document consists of **14** printed pages and **2** blank pages.

[Turn over

Answer all questions.

1 Geography in Everyday Life

A group of students are interested to investigate the importance of community spaces to residents in a neighbourhood in Singapore. The students believe that community spaces play an important part in building a strong sense of place as residents will interact and build bonds with one another.

Study Fig. 1.1 (Insert), which shows a map of Punggol estate that students have selected to conduct their investigation.

The students decided to test their hypothesis: 'Community spaces provide opportunities for residents to interact and build a strong sense of place', by conducting a questionnaire survey and also asking respondents to draw a mental map of the sites that provide them with a sense of place.

(a) (i) Their teacher commented that the hypothesis can be improved on.

Suggest how the students can improve their hypothesis.

.....

.....

.....

.....

.....

..... [2]

..... [5]

(iii) Suggest why asking the respondents to draw a mental map might be useful to the students' hypothesis.

[2]

- (b)** Suggest two safety measures that the students need to put in place before they embark on their data collection.

.....

.....

.....

.....

.....

..... [2]

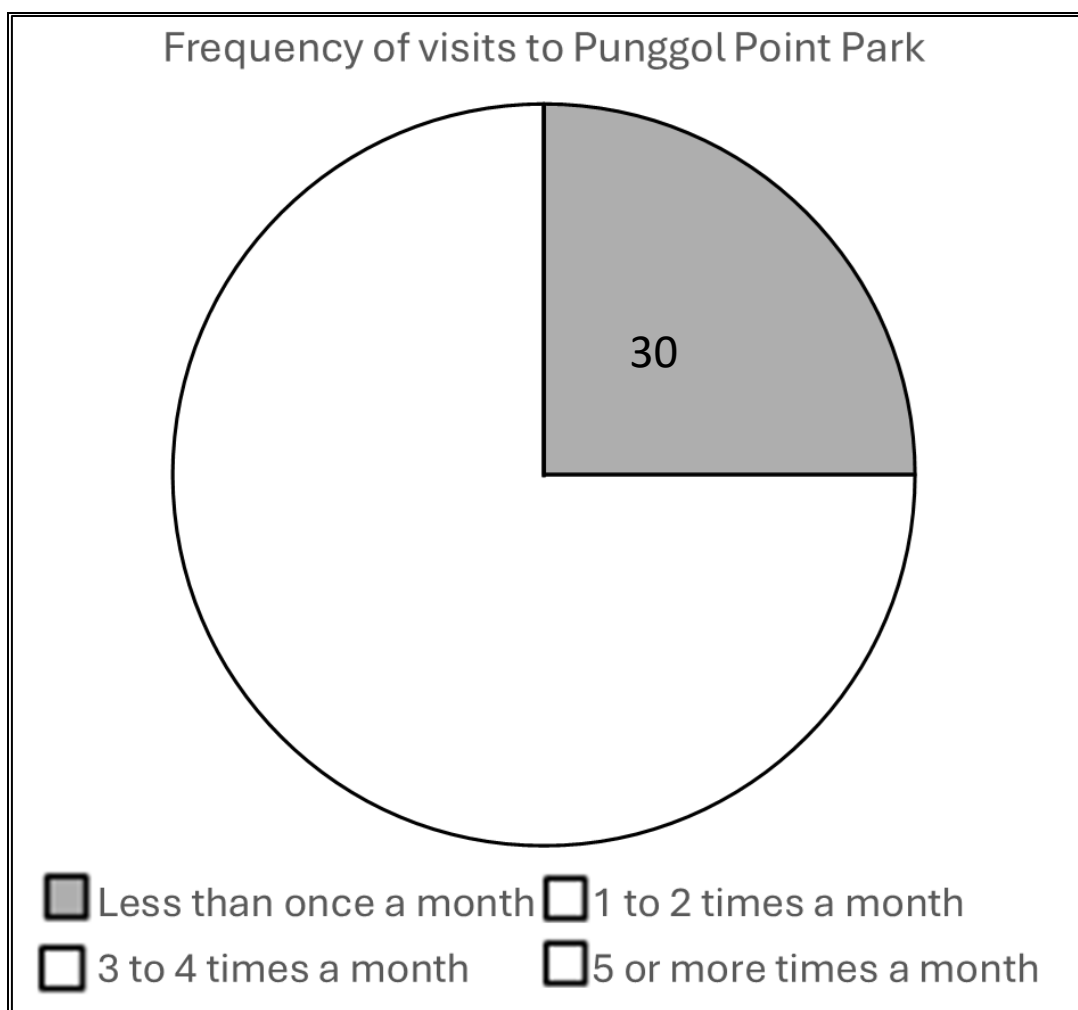
- (c) The students did a quick survey of the frequency in which residents visited Punggol Point Park. The data collected is presented in Table 1.

Table 1

Frequency of visit	Number of respondents
Less than once a month	30
1 – 2 times a month	45
3 – 4 times a month	25
5 or more times a month	20

Present the data in the pie chart below.

[3]



- Study Fig. 1.2 (Insert), which shows two questions in the questionnaire that the students used to collect 50 responses from each age group of respondents.

From these questions, the students tabulated the results into Table 2 (Insert) and Fig. 1.3 (Insert).

Using information from Table 2 and Fig. 1.3, evaluate how well the data supports the students' hypothesis of 'Community spaces provide opportunities for residents to interact and build a strong sense of place.'

..... [6]

2 Tourism

(a) Study Fig. 2.1 (Insert), which shows the trend of international tourist arrivals from 1990 to 2024.

(i) Describe the trend of international tourist arrivals from 1990 to 2015.

.....

.....

.....

.....

.....

.....

.....

.....

..... [3]

(ii) Explain how the trend of international tourist arrivals from 1990 to 2015 shown in Fig. 2.1 could have been a result of tourists' ability to travel.

.....

.....

.....

.....

.....

.....

.....

.....

..... [3]

(iii) Explain the sharp decline in international tourist arrivals shown in Fig. 2.1. [3]

.....

.....

.....

.....

.....

.....

.....

.....

..... [3]

(b) Study Fig. 2.2, which describes about the approach towards sustainable tourism by a country.

This type of sustainable tourism focuses on helping disadvantaged communities by directing tourism benefits straight to them. It supports local businesses like small guesthouses, craft sellers, and community tours, boosting incomes and reducing poverty. Unlike tourism dominated by large corporations, it encourages local involvement in managing and deciding on tourism activities. By prioritizing marginalized groups, this approach empowers communities to improve their futures and ensures tourism creates lasting positive impacts, benefiting the people who live in the destinations.

Fig. 2.2

Explain how the government can support this form of sustainable tourism.

.....

.....

.....

.....

.....

..... [2]

- (c)** Study Fig. 2.3 (Insert) and Fig. 2.4 (Insert), which show the attitudes of locals towards tourists in two destinations.

Describe how the growth of tourism in these destinations might have led to the locals' attitudes towards tourists.

[4]

3 Climate

- (a) Explain how the temperature of a place might vary due to Earth's revolution around the sun.

.....

.....

.....

.....

.....

.....

.....

.....

..... [3]

- (b) Study Fig. 3.1 (Insert), which shows global carbon dioxide emissions and population growth.

Explain the relationship between the two line graphs.

.....

.....

.....

.....

.....

.....

.....

.....

..... [3]

(c) Study Fig. 3.2 (Insert), which shows the generation of energy.

'The development of clean energy sources should be the main mitigation strategy building community resilience to climate change.'

With reference to 3.2, to what extent do you consider this statement to be true? Explain your answer.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

©CHS 2025

BLANK PAGE

BLANK PAGE

Table of Specifications

		AO1	AO2	AO3	
1a	(i)		2		2
	(ii)		5		5
	(iii)	2			2
1b		2			2
1c			3		3
1d				6	6
Question 1 sub-total					20
2a	(i)		3		3
	(ii)	3			3
	(iii)	3			3
2b		2			2
2c			4		4
Question 2 sub-total					15
3a		3			3
3b			3		3
3c				9	9
Question 3 sub-total					15
		15	20	15	50