



SINGAPORE CHINESE GIRLS' SCHOOL
PRELIMINARY EXAMINATION 2025
SECONDARY FOUR
O-LEVEL PROGRAMME

CANDIDATE
NAME

--

CLASS

--	--	--

REGISTER
NUMBER

--	--

CENTRE
NUMBER

--	--	--	--

INDEX
NUMBER

--	--	--	--

GEOGRAPHY
PAPER 1

2279/01

Thursday

21 August 2025

1 hour 45 minutes

Candidates answer on the Question Paper

Additional Materials: Insert

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.

Question Number	Score
Q1	/ 20
Q2	/ 15
Q3	/ 15
Total	/ 50

Answer **all** questions.

1 Cluster 1: Geography in Everyday Life

A group of students would like to study the ecosystem services provided by green spaces in Singapore. They decided to conduct their study in the Bishan-Ang Mo Kio Park.

The students wanted to test the hypothesis: 'The higher the number of trees in the area, the lower the temperature'. The students found a map of the park online as shown in Fig. 1.1 (Insert) and identified the area X to conduct their study.

- (a)** Using Fig. 1.1, describe how the students can use random sampling to conduct their study in area X.

.....

.....

.....

.....

.....

.....

.....

.....

.....[3]

- (b) Study Fig. 1.2, which shows a scatter plot diagram of the results collected by the students.

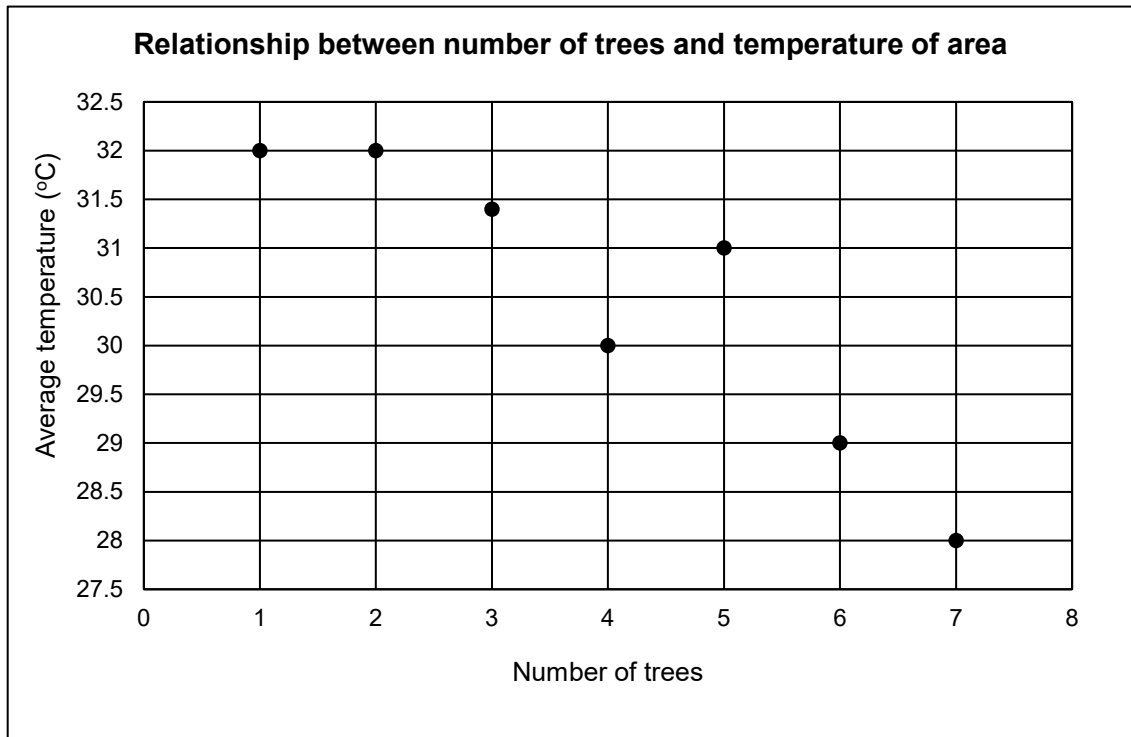


Fig. 1.2

- (i) Draw a best fit line on the scatter plot diagram in Fig. 1.2. [1]
- (ii) Using Fig. 1.2, explain whether the hypothesis has been proven.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[3]

- (c) The students also wanted to study about cultural ecosystem services in Bishan-Ang Mo Kio Park. They designed a questionnaire, as shown in Fig. 1.3, to survey the people visiting the park.

Sample of questionnaire

Survey on the usage of Bishan-Ang Mo Kio Park					
We are a group of students studying the usage of Bishan-Ang Mo Kio Park. Thank you for your time in completing this survey.					
1. What is your gender?					
	a. Male				
	b. Female				
	c. Prefer not to say				
2. What is your age?					
	a. Below 18				
	b. 18 - 24				
	c. 25 - 34				
	d. 35 - 44				
	e. 45 - 54				
	f. 55 - 64				
	g. 65 and above				
3. What is your reason for visiting the park?					
	a. To exercise				
	b. To relief stress				
	c. To admire the view				
	d. For educational purposes				
4. How often do you visit the park?					
	a. Once in the last month				
	b. 3 times in the last month				
	c. 6 times in the last month				
	d. More than 10 times in the last month				
5. How do you rate the following features of the park in relation to relieving stress?					
	Excellent	Above average	Average	Below average	Extremely poor
Fitness areas	☐	☐	☐	☐	☐
Walking/running paths	☐	☐	☐	☐	☐
Cycling paths	☐	☐	☐	☐	☐
Rest areas	☐	☐	☐	☐	☐

Fig. 1.3

- (i) Identify the type of scale used for Questions 4 and 5 in Fig 1.3 respectively.

Question 4.....

Question 5.....[2]

- (ii) Using Fig. 1.3, evaluate the design of the questionnaire.

[6]

- (d) At the end of the survey, the students requested for respondents to draw a mental map of the park so that they can analyse the respondents' sense of place for the park. Fig. 1.4 (Insert) shows a mental map that they received from a respondent.

With reference to Fig. 1.4, explain how the mental map reflects the respondent's sense of place for Bishan-Ang Mo Kio Park.

.....[5]

[Total: 20]

Name: _____

Class: Sec 4_____

2 Cluster 2: Tourism

(a) Compare mass market tourism with niche travel.

.....[4]

(b) Explain **one** positive economic impact of tourism.

.....[3]

- (c) (i) Explain what is meant by 'community-based tourism'.

.....

.....

.....

.....

.....

.....[2]

- (ii) Explain how community-based tourism can reduce economic leakages in tourism.

.....

.....

.....

.....

.....

.....[2]

- (d)** Describe how international organisations help countries achieve environmental sustainability in tourism.

[4]

[Total: 15]

BLANK PAGE

Name: _____

Class: Sec 4 _____

3 Cluster 3: Climate

- (a) Describe the differences in temperature between coastal and inland areas in places which experience cool temperate climate.

.....

.....

.....

.....

.....

.....[2]

- (b)** Study Fig. 3.1, which shows a map showing the direction of monsoon winds blowing over large parts of Asia in December.

Monsoon winds over Asia in December

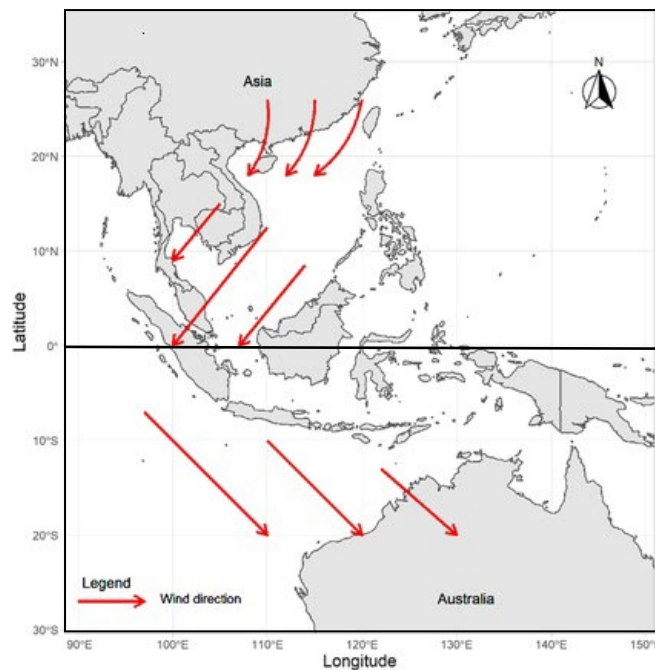


Fig. 3.1

Source: https://www.researchgate.net/figure/The-formation-of-a-the-..._fig2_358899024

With reference to Fig. 3.1, explain why Singapore experiences these monsoon winds in December.

[4]

- (c)** 'The impact of climate change is more detrimental to the natural environment than humans.'

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

[illegible]

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 single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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 white paper with horizontal dashed lines, typical of primary school writing paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.