

CANDIDATE
NAME

INDEX
NUMBER

CLASS



**ANGLICAN HIGH SCHOOL
SECONDARY 4
PRELIMINARY EXAMINATION**

S4

GEOGRAPHY

2279/01

Paper 1 (Question 1)

22 August 2025

Candidates answer on the Question Paper.

1 hour 45 minutes

Additional materials: Insert

READ THESE INSTRUCTIONS FIRST

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

Write in dark blue or black pen.

You may use a 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 question.

The number of marks is given in brackets [] at the end of each question or part question.

Question 1:		20
Question 2:		15
Question 3:		15
TOTAL:		50

Signature of Parent/Guardian

Date: _____

This document consists of **18** printed pages and **1** Insert.

Answer **all** questions.

[Turn over

1 Cluster 1: Geography in Everyday Life

A group of students were investigating the relevance and popularity of wet markets for sustainable living in Singapore.

There are currently 83 wet markets managed by the National Environment Agency (NEA) and NEA-appointed operators in Singapore, compared with 691 supermarkets.

The students found data on the NEA website showing the decreasing public preference for wet markets and represented the information using a pie chart, as shown in Fig. 1.1. They decided to test the hypothesis: “Wet markets are becoming increasingly irrelevant in meeting the grocery needs of Singapore residents.”

NEA survey results of 1,000 Singapore residents aged 18 to 69

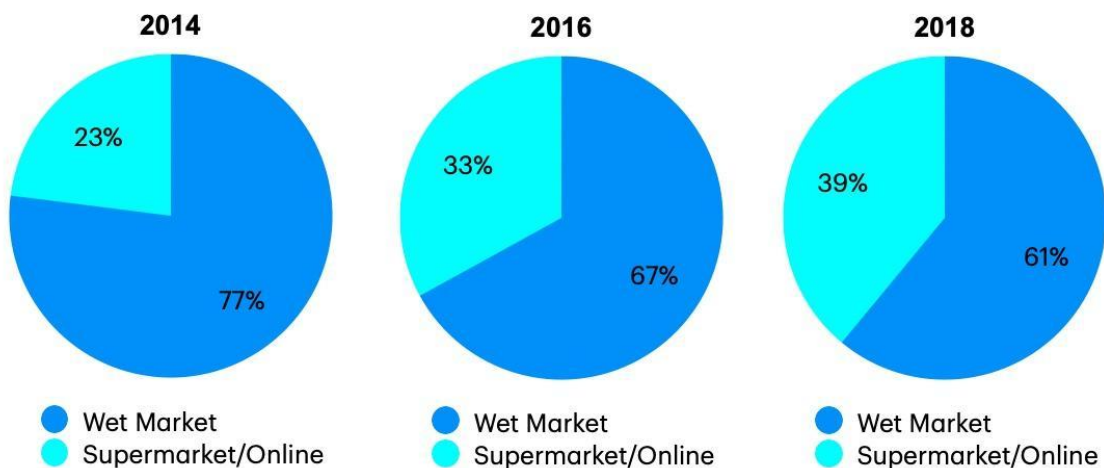


Fig. 1.1

(a) Using Fig. 1.1, suggest how the information is useful for this investigation.

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- (b) The students decided to conduct a questionnaire, shown in Fig. 1.2 (Insert), with Singapore residents living in Fengshan GreenVille on a Wednesday afternoon. The questionnaire focused on how residents meet their grocery needs on a weekly basis.

They aimed to survey 30 people, and their teacher instructed them to use the stratified random sampling method to conduct the interviews.

- (i) Explain the advantages of using stratified random sampling method.

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- (ii) The students presented the responses gathered for Question 1 of the questionnaire, as shown in Fig. 1.3 (Insert). The figure shows how frequently residents visit wet markets, supermarkets, and online shopping websites on a weekly basis to meet their basic grocery needs.

Using the survey results in Fig. 1.3, describe the popularity of wet markets in Singapore.

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- (iii) Explain how the reliability of the survey results shown in Fig. 1.3 can be improved.

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- (iv) Study Table 1.1, which shows a further breakdown of the information the students collected through the questionnaire, and Fig. 1.4, which shows a partially completed bar graph representing the questionnaire results by gender, based on data from Table 1.1.

Table 1.1
Data collected from Questions 1 and 3 of the questionnaires

Location	Online Shopping Website		Supermarket		Wet Market	
Gender	Male	Female	Male	Female	Male	Female
None	15	5	6	2	4	2
1 to 2	2	7	5	4	6	3
3 to 4	0	1	3	3	2	0
5 to 6	0	0	1	2	2	3
7 or more	0	0	2	2	2	6

Questions 1 and 3 presented on a compound bar graph

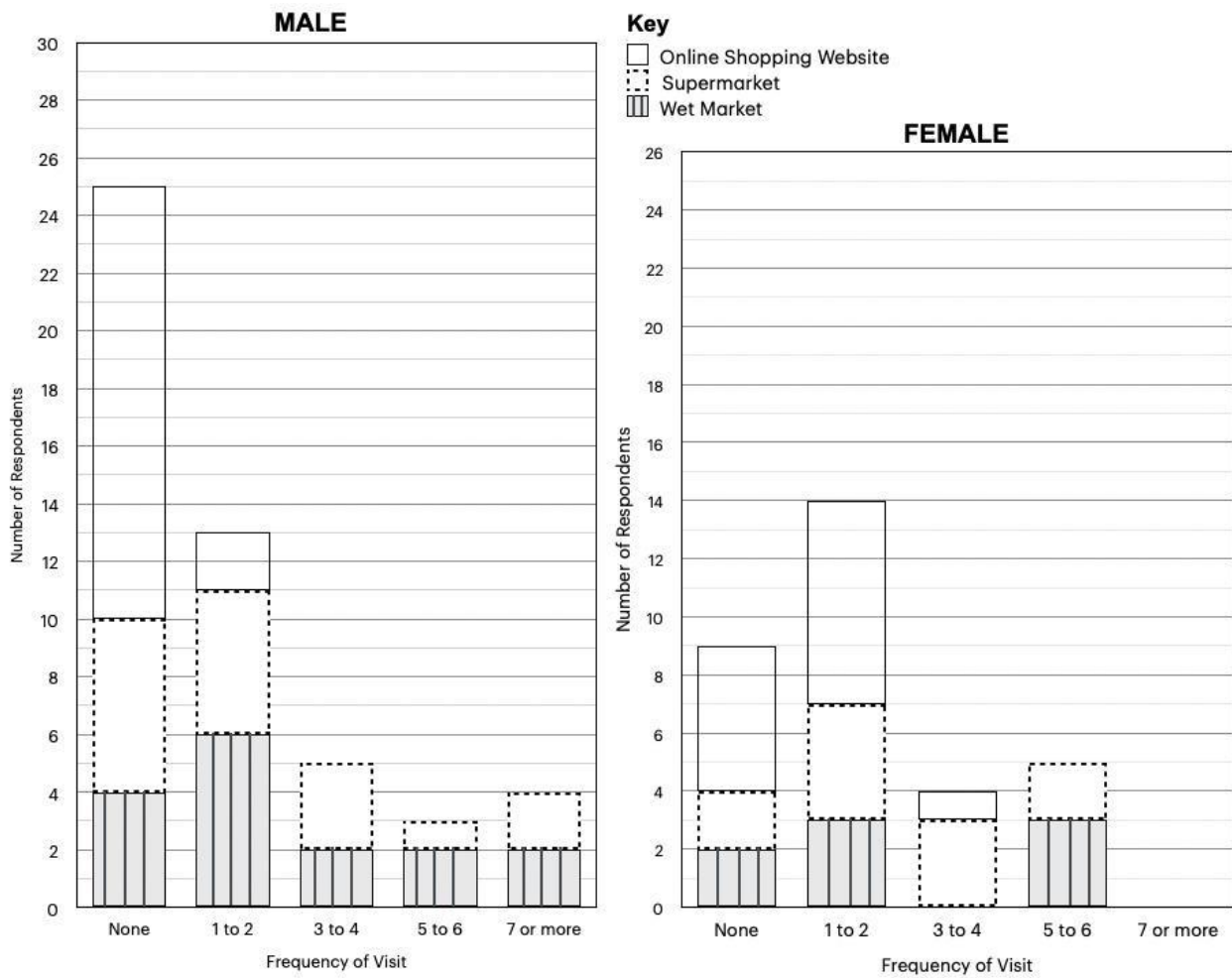


Fig. 1.4

Use the information from Table 1.1 to complete the bar graph in Fig. 1.4, showing the number of female respondents who shop for their grocery needs seven or more times a week. [2]

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[Continue on to Question 2 and 3

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PRELIMINARY EXAMINATION****S4****GEOGRAPHY****2279/01**

Paper 1 (Question 2 And 3)

22 August 2025

Candidates answer on the Question Paper.

1 hour 45 minutes

Additional materials: Insert

READ THESE INSTRUCTIONS FIRSTAnswer **ALL** questions.

The Insert contains additional resources referred to in the question.

The number of marks is given in brackets [] at the end of each question or part question.

[Turn over

2 Cluster 2: Tourism

- (a) Study Fig. 2.1 (Insert), which shows annual international tourist arrivals and tourist spending in Singapore from 2016 to 2024.

Using Fig. 2.1, describe the changes in international tourist arrivals in Singapore from 2016 to 2024.

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- (b) Explain how an increase in mobility could lead to the growth of tourism.

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- (c) Study Fig. 2.2, which features the characteristics of two providers of tourism experiences and services.

Complete Fig. 2.2 by identifying the type of tour operators that match the characteristics described in column (i) and column (ii).

Providers of tourism experiences and services

CHARACTERISTICS		
(i).....		(ii)
Niche travel	Type of tour supplied	Tour packages
Small	Size of tour group	Large
High	Cost	Low
Usually excluded	Transport & Accommodation	Included
Customisable	Flexibility	Nil; one-size-fits-all

Fig. 2.2

[1]

[Turn over

- (d) Study Fig. 2.3 (Insert), which is an advertisement featuring promotional fares for international flights to Tokyo and other Japanese cities, offered by Japan's two major national airlines.

With reference to Fig. 2.3, suggest how the promotional fares offered by Japan's major national airlines could potentially change the demand for tourism.

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- (e) Study Fig. 2.4 (Insert), which shows an island that has been developed with tourist facilities.

With reference to Fig. 2.4, suggest how tourism development is likely to impact the island.

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[Total: 15]

3 Cluster 3: Climate

(a) Study Fig. 3.1, which shows the global distribution of floods.

With reference to Fig. 3.1, describe the global pattern of flood distribution.

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- (b) Study Fig. 3.2, an extract about the drought in Thailand in 2020.

Extract from a news article reporting on the severe drought in Thailand in 2020

Thailand has been hit with what may be its worst drought in 40 years, pummelling sugar production in one of the world's biggest exporters of the sweetener. Sugar output may tumble about 30% to 9 million-10 million tonnes, while cane output is forecast to fall below 90 million tonnes from about 130 million in the previous season because of the dry weather, according to an industry body. The severe drought is adding pressure to Thailand's struggling economy and its agricultural sector, which employs 11 million people. It may also further raise global sugar prices that have surged about 35% in the last five months on concerns that adverse weather is threatening crops from India to Mexico.

Fig. 3.2

With reference to Fig. 3.2, explain how climate change indirectly impacts humans.

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- (c)** 'Anthropogenic factors are the most important contributors to rising temperatures over the years.'

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

[illegible]

[Turn over

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[Total: 15]

End of paper

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.

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Additional page

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Question 1: Fig. 1.1 Adapted:

Question 2: Fig. 2.1 Adapted from: <https://www.gutenberg.org/ebooks/104490/104490-h/104490-h.htm>

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

Fig. 2.4. A typical β -phase nucleation curve.

- Question 3 Fig. 3.1 Adapted:
https://www.researchgate.net/figure/The-worldwide-spatial-distribution-of-flood-events-for-different-countries-between_fig3_343230377
- Question 3 Fig. 3.2 <https://www.bangkokpost.com/business/general/1853069/thailand-tackles-worst-drought-in-40-years>