Name:		Index Number:		Class:	

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

GEOGRAPHY

2279/01

27 August 2025

Additional Materials: Insert

1 hr 45 mins

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

Downloaded from SingaKids.com

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]

©CHS 2025

Downloaded from SingaKids.com

(ii) With reference to Fig. 1.1, explain how students can collect the data required for their investigation.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [5]

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

.....

.....

.....

.....

.....

..... [2]

Downloaded from SingaKids.com

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

.....

.....

.....

.....

.....

..... [2]

©CHS 2025

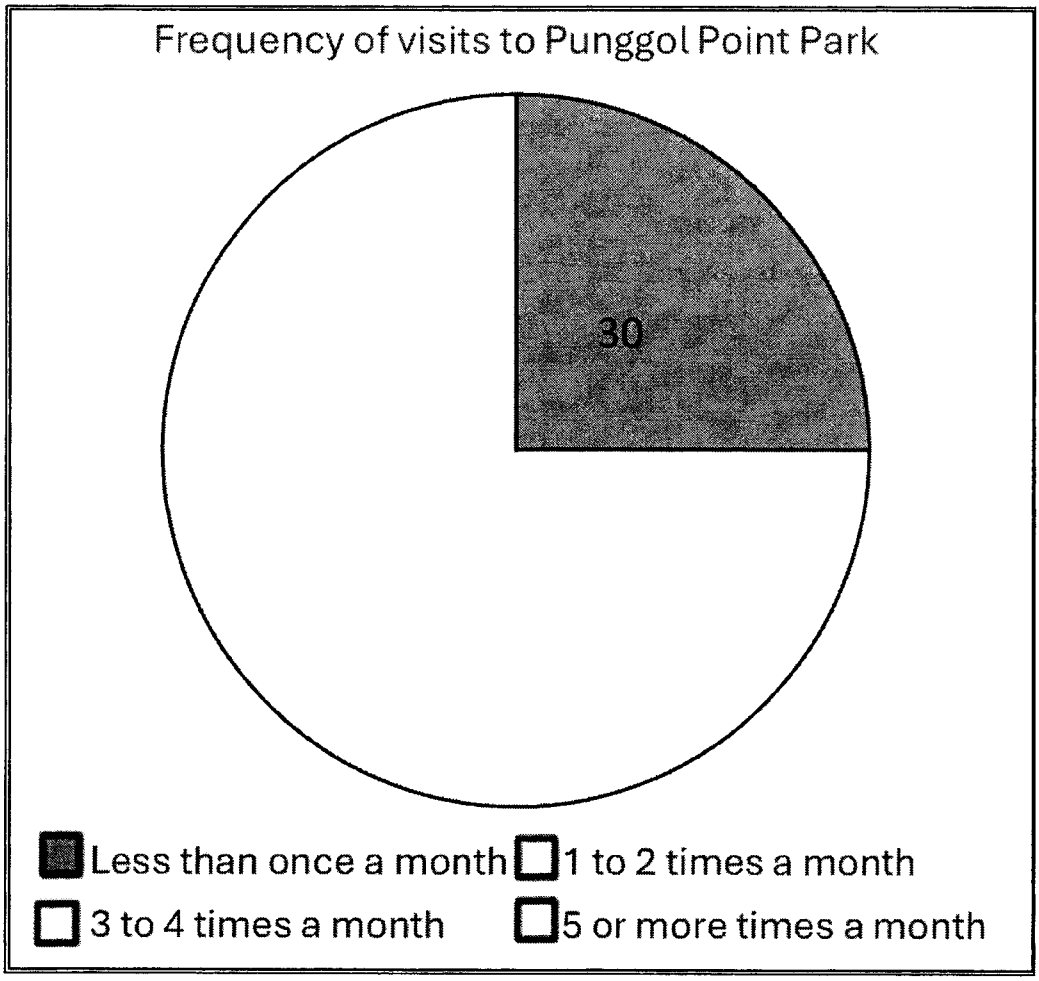
Downloaded from SingaKids.com

(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]



Downloaded from SingaKids.com

(d) 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]**

©CHS 2025

Downloaded from SingaKids.com

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]

Downloaded from SingaKids.com

(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]

©CHS 2025

Downloaded from SingaKids.com

(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]

©CHS 2025

Downloaded from SingaKids.com

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]

©CHS 2025

Downloaded from SingaKids.com

(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.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Downloaded from SingaKids.com

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [9]

– End of Paper –

©CHS 2025

Downloaded from SingaKids.com

Additional page

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

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

©CHS 2025

Downloaded from SingaKids.com

Additional page

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

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

©CHS 2025

Downloaded from SingaKids.com

BLANK PAGE

©CHS 2025

Downloaded from SingaKids.com

BLANK PAGE

©CHS 2025

Downloaded from SingaKids.com

Name:		Index Number:		Class:	

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

GEOGRAPHY **2279/01**

INSERT **27 August 2025**

1 hr 45 mins

READ THESE INSTRUCTIONS FIRST

This Insert contains additional resources referred to in the questions.

This document consists of **8** printed pages.

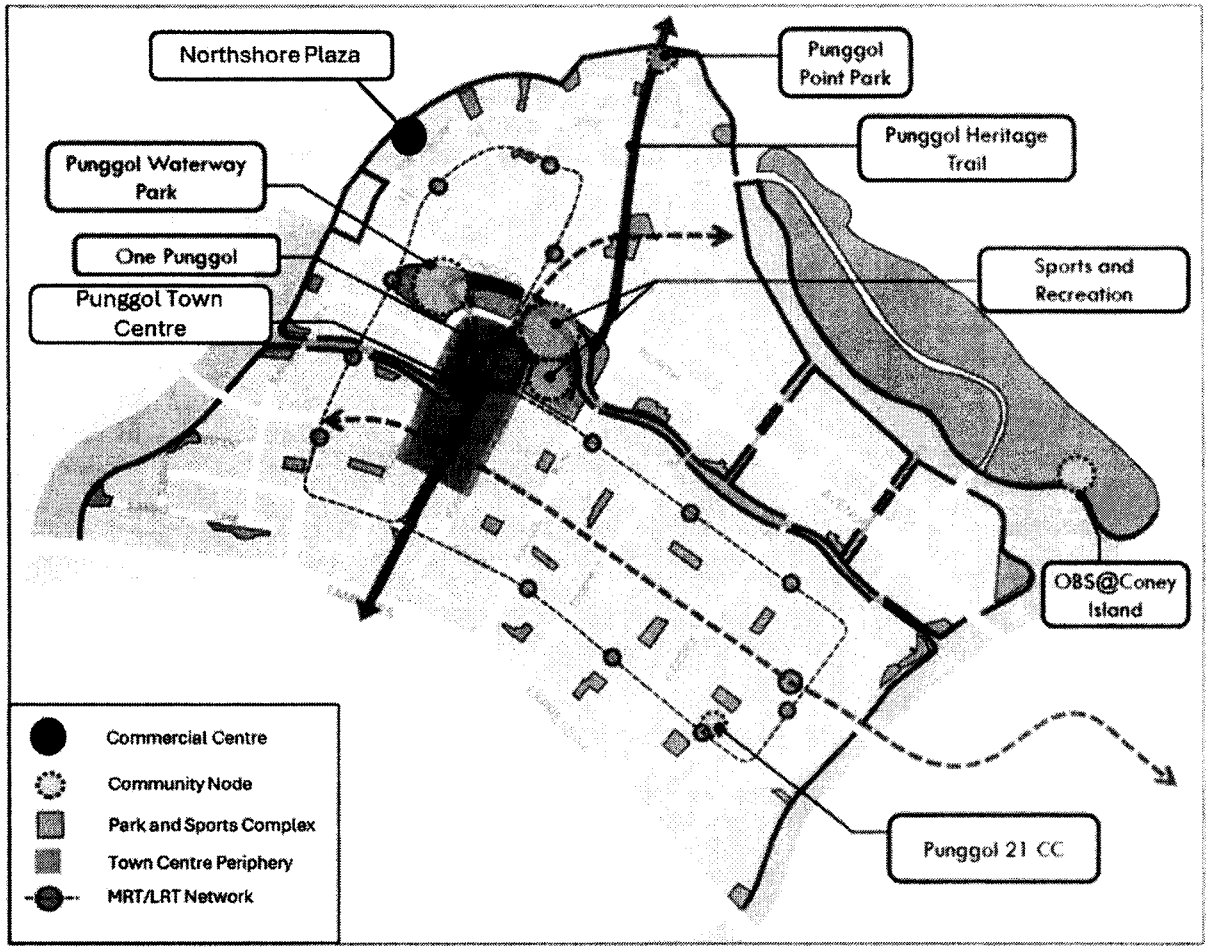
[Turn over

©CHS 2025

Downloaded from SingaKids.com

Fig. 1.1 for Question 1

Map of Punggol Town's Community Spaces



A range of community spaces have been planned for and developed strategically within the town. They help to build active and cohesive communities by drawing residents together for activities and interactions, while providing for their daily needs.

- **Recreational Spaces**

These include sports complex, parks and open spaces

- **Commercial Centres**

These are strategically located within the town, to serve as localised retail spaces for residents living nearby to shop at

- **Community Nodes**

These community nodes are distributed across the town, with facilities for residents to frequent and meet one another.

Downloaded from SingaKids.com

Fig. 1.2 for Question 1

Sample of Questionnaire

Question 5

Which of the following places do you feel most connected with? Choose 1 option only.

[ ] Punggol Waterway Park
[ ] Punggol Point Park
[ ] Punggol Town Centre
[ ] Northshore Plaza

Question 7

Which of the following activities do you participate at the following places?

Put a ✓ where applicable. You may choose more than 1.

	Punggol Waterway Park	Punggol Point Park	Punggol Town Centre	Northshore Plaza
Exercise				
Shopping				
Meet Friends				
Dining				

Downloaded from SingaKids.com

Table 2 for Question 1

Questionnaire Survey Findings for Question 1

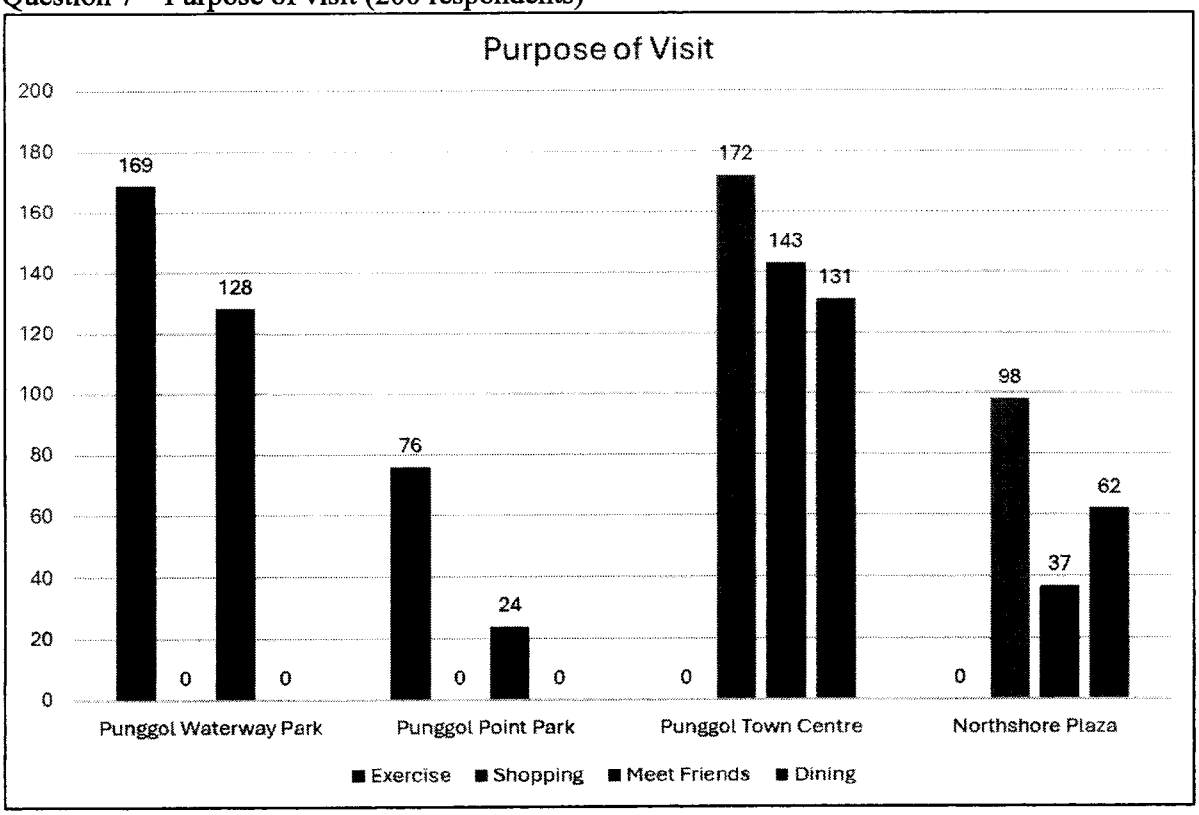
Question 5 - Number of responses where respondents indicated experiencing a sense of place

	Recreational Spaces		Commercial Spaces	
Age Groups	Punggol Waterway Park	Punggol Point Park	Punggol Town Centre	Northshore Plaza
16 – 25 years	14	2	30	4
26 – 45 years	16	10	15	9
46 – 65 years	22	7	17	4
Above 65 years	23	2	22	3
Total	**75**	**21**	**84**	**20**

Fig. 1.3 for Question 1

Questionnaire Survey Findings

Question 7 – Purpose of visit (200 respondents)

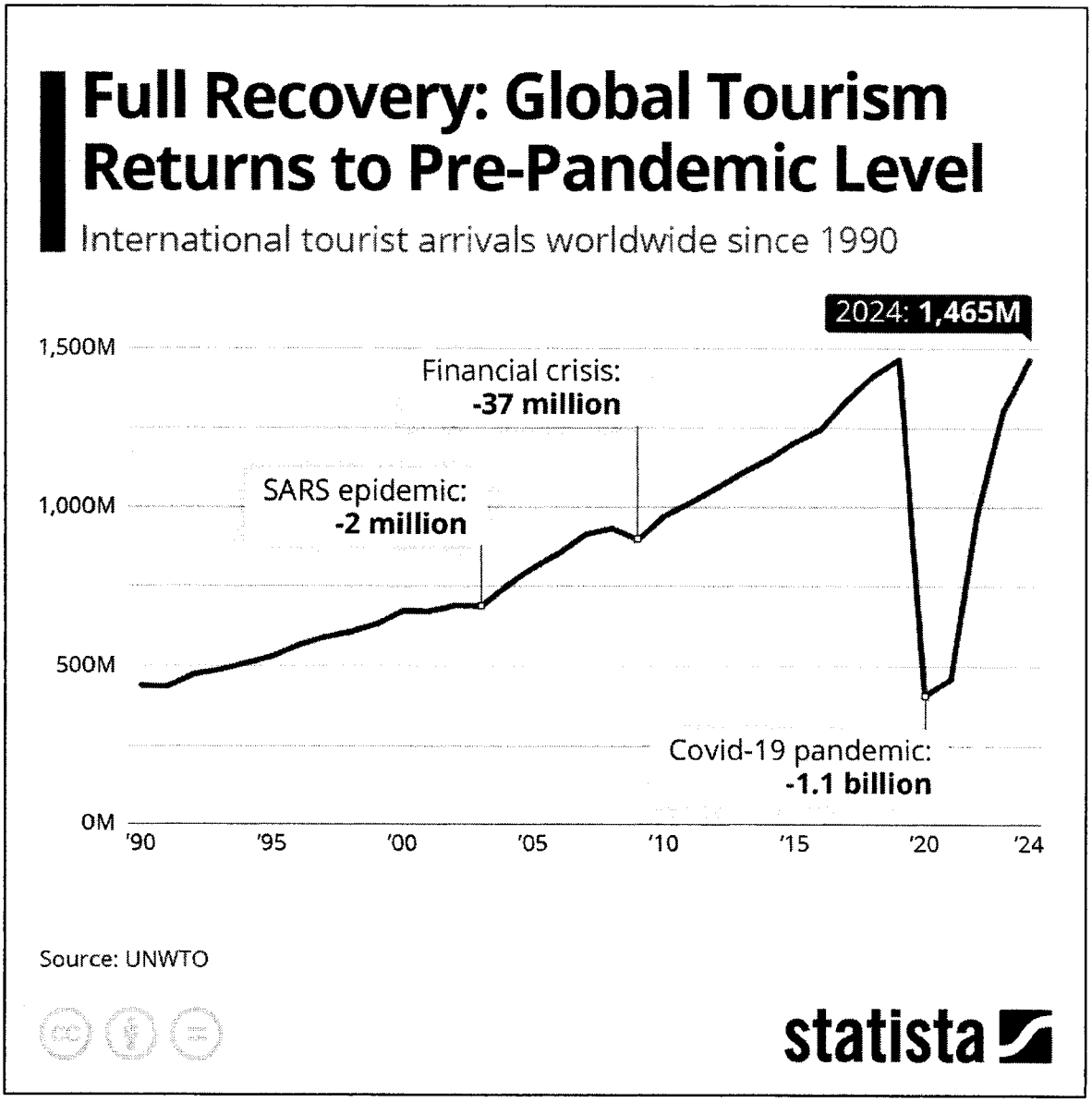


©CHS 2025

Downloaded from SingaKids.com

Fig. 2.1 for Question 2

International Tourist Arrivals



©CHS 2025

Downloaded from SingaKids.com

Fig. 2.3 for Question 2

Canary Islands residents protesting against tourism

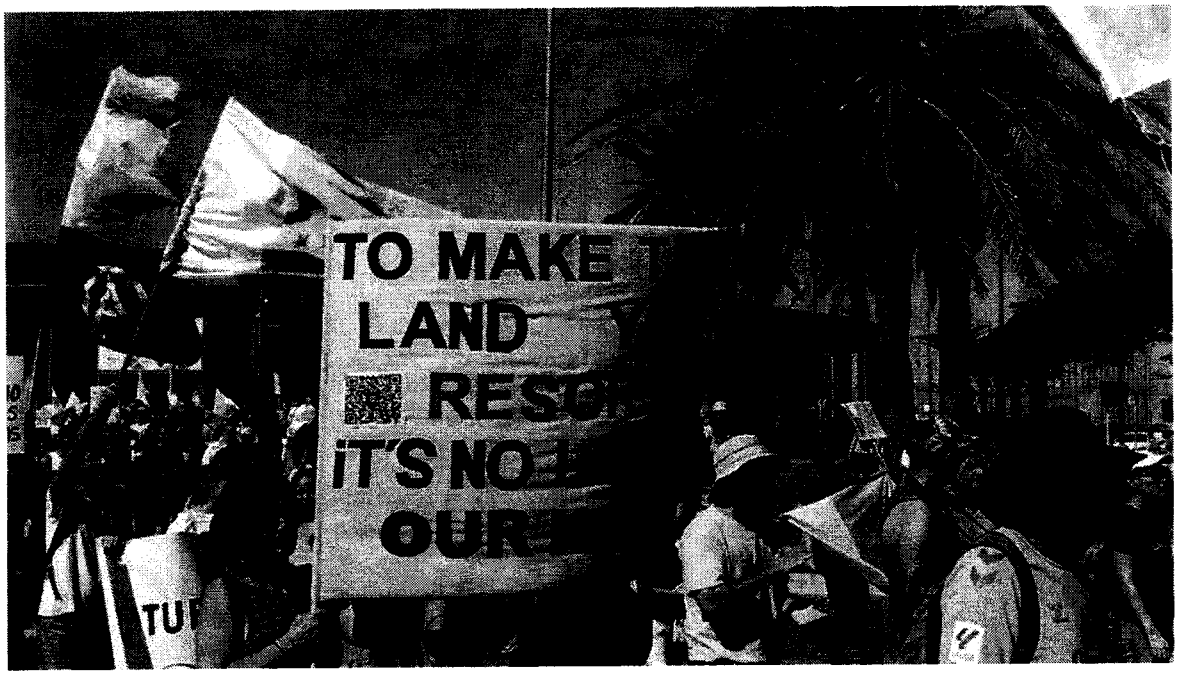
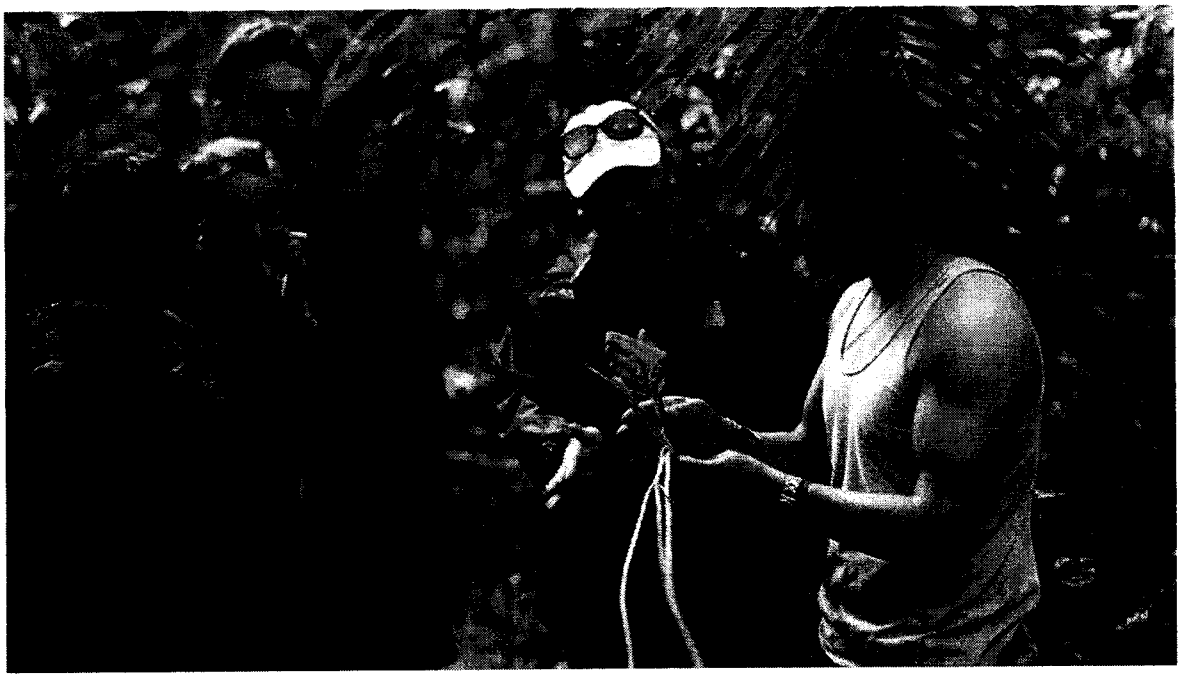


Fig. 2.4 for Question 2

Local indigenous guide with tourists in Ecuador

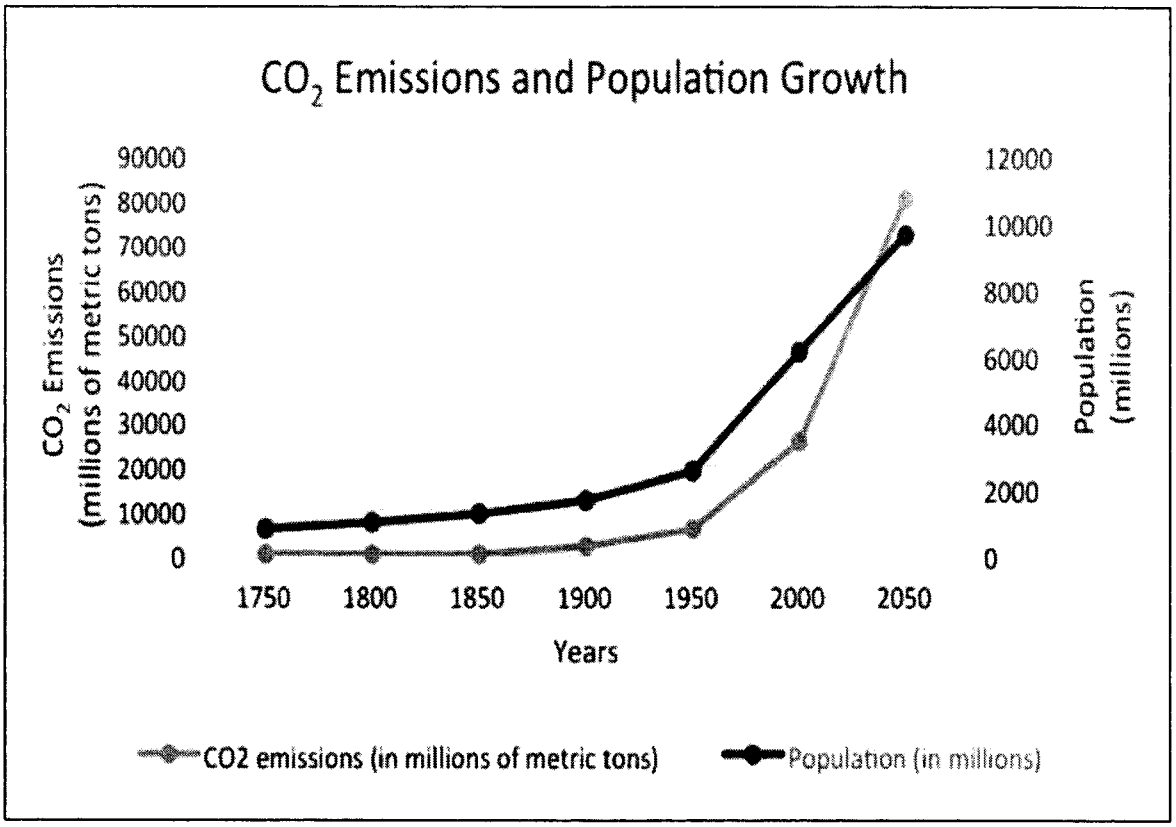


©CHS 2025

Downloaded from SingaKids.com

Fig. 3.1 for Question 3

Graph showing global CO_2 Emissions and Population Growth

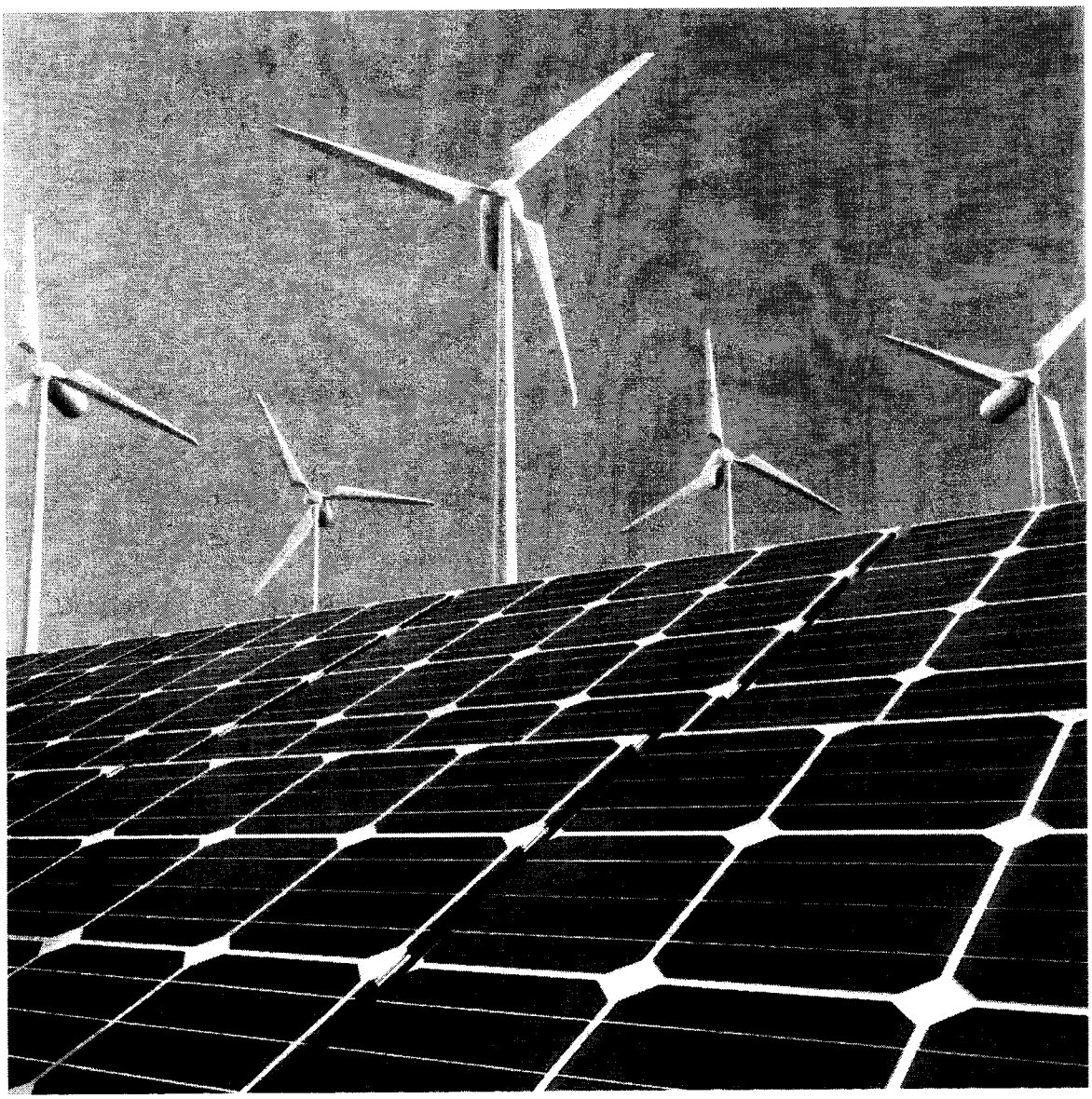


©CHS 2025

Downloaded from SingaKids.com

Fig. 3.2 for Question 3

Photograph of the generation of energy



Copyright Acknowledgements:		
Question 1	Fig. 1.1	https://www.hdb.gov.sg/-/media/doc/DDG-UPG/TDGs/Punggol-Town-Design-Guide.pdf
Question 2	Fig. 2.1	https://www.statista.com/chart/21793/international-tourist-arrivals-worldwide/
	Fig. 2.3	https://www.timeout.com/news/canaries-have-a-limit-why-thousands-of-locals-are-protesting-in-the-canary-islands-051925
	Fig. 2.4	https://www.tourismcares.org/tourism-cares-blog/how-community-based-tourism-empowers-locals-and-enhances-travel
Question 3	Fig. 3.1	https://ourworldindata.org/co2-and-greenhouse-gas-emissions
	Fig. 3.2	https://unsplash.com/s/photos/renewable-energy

©CHS 2025

Downloaded from SingaKids.com

Name:		Index Number:		Class:	

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

GEOGRAPHY

2279/02

Paper 2

1 Sept 2025
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 **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.
You may use the additional pages at the back of this booklet, where necessary.

For examiner's use only:

Question 1	/ 15 m
Question 2	/ 15 m
Question 4	/ 20 m
Total	**/ 50 marks**

This document consists of **15** printed pages and **1** blank page.

[Turn over

©CHS 2025

Downloaded from SingaKids.com

Answer **all** questions.

1 Cluster 1: Geography in Everyday Life

(a) Study Fig. 1.1 (Insert), which shows a children's playground and an adult fitness corner in Tanjong Pagar.

(i) Using Fig. 1.1, explain the spatial association shown in the photograph.

.....

.....

.....

.....

.....

.....[2]

(ii) Describe how the facilties in Fig. 1.1 could benefit local communities

.....

.....

.....

.....

.....

.....[2]

©CHS 2025

Downloaded from SingaKids.com

(b) Explain how people acquire a sense of place in their neighbourhoods.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[4]

[Turn over

©CHS 2025

Downloaded from SingaKids.com

(c) Study Fig. 1.2 (Insert), which shows a photograph of Tianjin Eco City in China.

(i) With reference to Fig. 1.2, explain how Tianjin Eco City contribute to sustainable development in China.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[4]

(ii) Outline factors that can hinder sustainable development.

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [3]

©CHS 2025

Downloaded from SingaKids.com

2 Cluster 4: Tectonics

(a) Study Fig. 2.1 (Insert), which shows the age of oceanic lithoshpere at the seabed.

Using Fig. 2.1, explain how the age of the rocks is an evidence of plate tectonic theory.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[4]

[Turn over

©CHS 2025

Downloaded from SingaKids.com

(b) Study Fig. 2.2 (Insert), which shows the relationship between the magnitude of earthquake and death tolls in Turkey from 1903 to 2023.

(i) Using Fig. 2.2, describe the relationship between the magnitude of earthquake and death tolls in Turkey.

.....

.....

.....

.....

.....

.....

.....

.....

..... [3]

(ii) Suggest how earthquakes can bring serious impacts to the economy.

.....

.....

.....

.....

.....

.....[2]

©CHS 2025

Downloaded from SingaKids.com

(c) Evaluate the risks and benefits of living near volcanoes.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[6]

©CHS 2025

Downloaded from SingaKids.com

3 Cluster 5: Singapore

(a) Study Fig. 3.1 (Insert), which shows Singapore extreme weather events in 2023.

Using Fig. 3.1, describe the impacts on people in Singapore.

.....

.....

.....

.....

.....

.....

.....

.....

..... [3]

©CHS 2025

Downloaded from SingaKids.com

(b) Study the newspaper extract in Fig. 3.2.

The Marina Barrage, a dream 20 years in the making
An iconic landmark, a symbol of the city-state's success in water management.



The Marina Barrage has become an iconic landmark and a popular social space for many Singaporeans.

It is the result of visionary planning at the highest political level, and painstaking planning and implementation by scores of officers at PUB, Singapore's national water agency.

Fig. 3.2

(i) Using Fig. 3.2, describe how Marina Barrage has benefited Singapore.

.....

.....

.....

.....

.....

.....

.....

.....[3]

[Turn over

©CHS 2025

Downloaded from SingaKids.com

(ii) Outline two political considerations involved in the planning of large scale sustainable development projects such as Marina Barrage.

.....

.....

.....

.....

.....

.....[2]

©CHS 2025

Downloaded from SingaKids.com

(c) Study Fig. 3.3, which shows sea level rise.

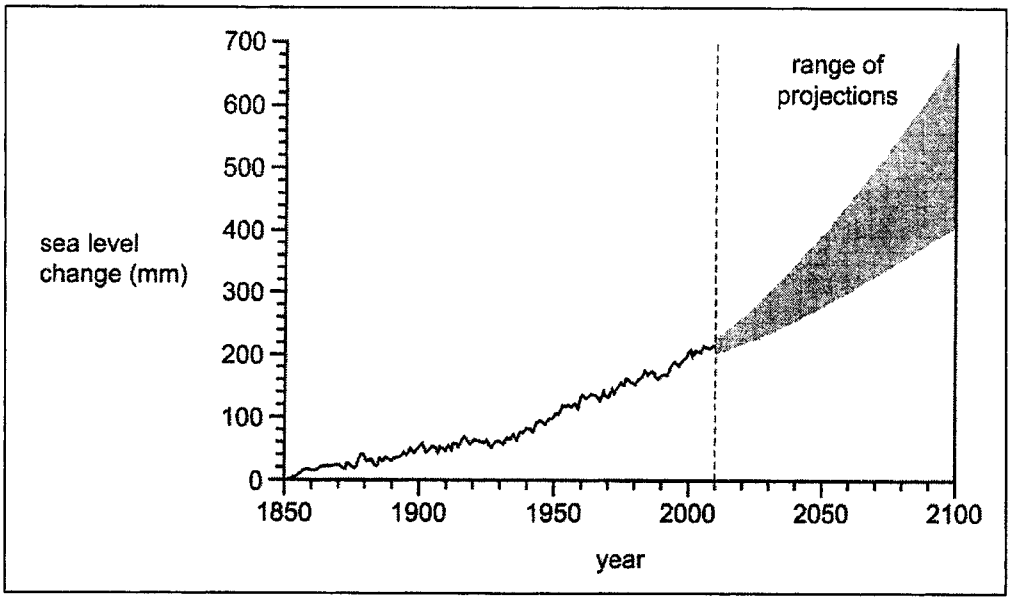


Fig. 3.3

Describe the changes in the sea level from 1850 to 2100.

.....

.....

.....

.....

.....

.....

.....

..... [3]

[Turn over

©CHS 2025

Downloaded from SingaKids.com

(d) 'Sea level rise is the main challenge that Singapore faces.'

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

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

©CHS 2025

Downloaded from SingaKids.com

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[9]

©CHS 2025

Downloaded from SingaKids.com

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.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

©CHS 2025

Downloaded from SingaKids.com

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.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

End of Paper

©CHS 2025

Downloaded from SingaKids.com

BLANK PAGE

Copyright Acknowledgements:

Question 1(a)	Figure 1.1	MOE
Question 1(c)(i)	Figure 1.2	https://subsites.chinadaily.com.cn/tianjin/binhain/2019-04/26/c_429663.htm
Question 2(a)	Figure 2.1	https://www.thoughtco.com/how-old-is-the-ocean-floor-3960755
Question 2(b)(i)	Figure 2.2	https://www.statista.com/chart/29252/20-earthquakes-in-turkey/
Question 3(a)	Figure 3.1	Singapore Metrological Station and CNA
Question 3(b)(i)	Figure 3.2	CNA
Question 3(c)	Figure 3.3	GCE O Levels 2014

©CHS 2025

Downloaded from SingaKids.com

Name:		Index Number:		Class:	

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

GEOGRAPHY

2279/02

Paper 2
INSERT

1 Sept 2025
1 h 45 minutes

READ THESE INSTRUCTIONS FIRST

The Insert contains additional resources referred to in the questions.

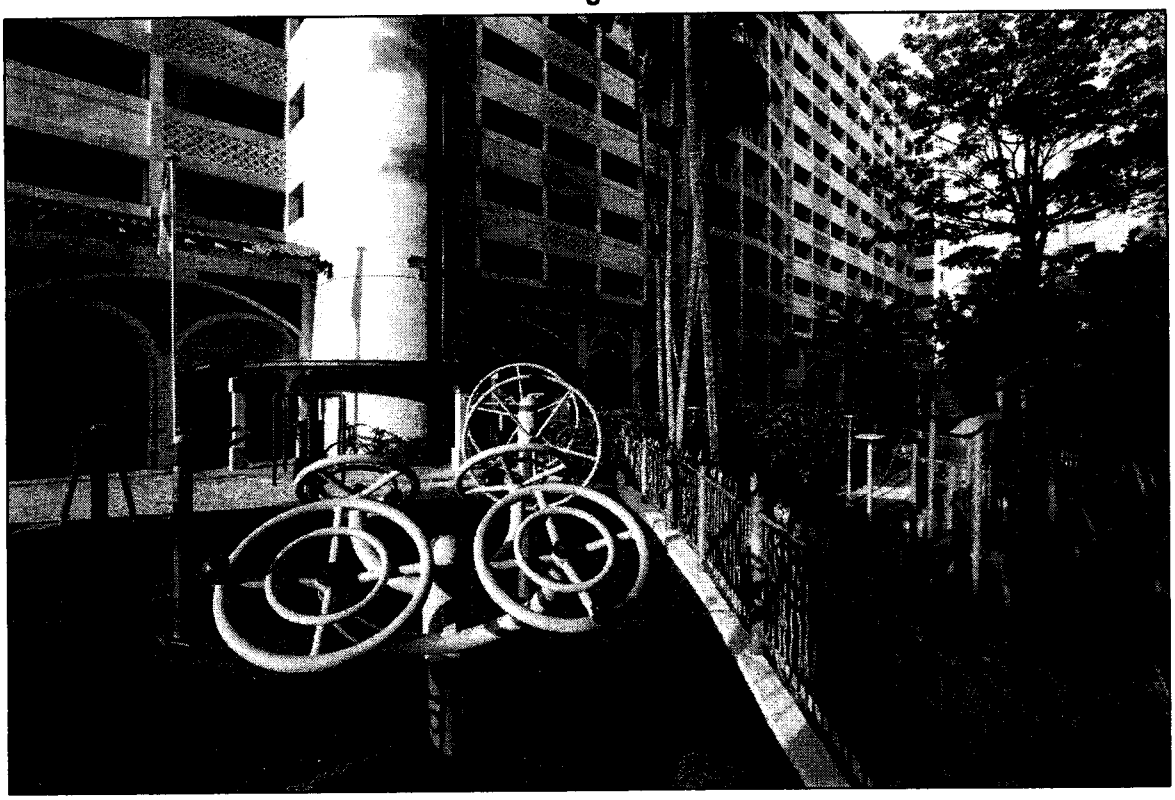
This document consists of **6** printed pages.

[Turn over

Downloaded from SingaKids.com

Fig. 1.1 for Question 1

A photograph showing a children's playground and an adult fitness corner in Tanjong Pagar



©CHS 2025

Downloaded from SingaKids.com

Fig. 1.2 for Question 1

Tianjin Eco City, China



Tianjin Eco City

Tianjin Eco-City is a fascinating, 30 square kilometer development designed to showcase the hottest new green technologies and to serve as a model for future developing Chinese cities. Designed by Surbana Urban Planning Group, the city is being built just 10 minutes away from the business parks at the Tianjin Economic-Development Area, making commute a breeze with the development's advanced light rail transit system.

[Turn over

©CHS 2025

Downloaded from SingaKids.com

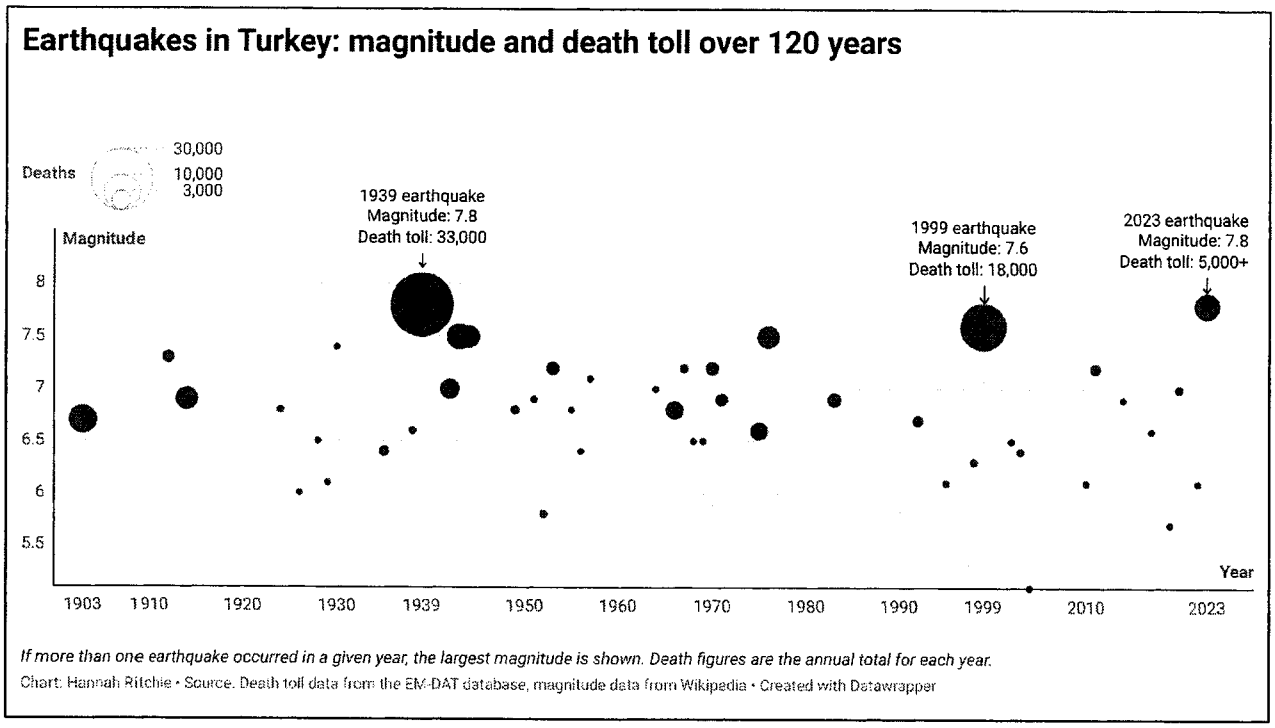
Fig. 2.1 for Question 2

Age of Oceanic Lithosphere



Downloaded from SingaKids.com

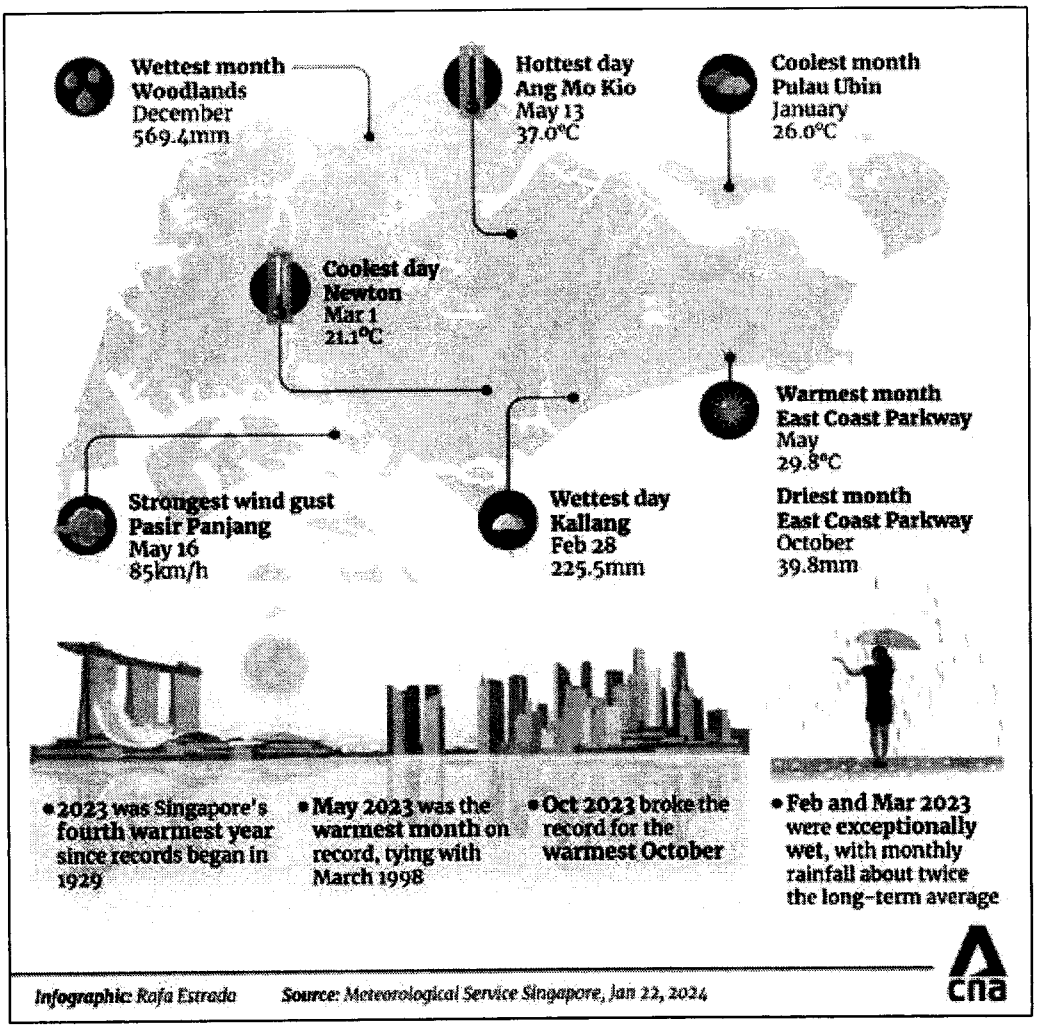
Fig. 2.2 for Question 2



[Turn over

Downloaded from SingaKids.com

Fig. 3.1 for Question 3
Singapore weather extremes in 2023



©CHS 2025

Downloaded from SingaKids.com