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

CANDIDATE NAME			
CLASS		REGISTER NUMBER	
CENTRE NUMBER		INDEX NUMBER	

GEOGRAPHY **2279/01**
PAPER 1

Thursday **21 August 2025** **1 hour 45 minutes**

Candidates answer on the Question Paper

Additional Materials: Insert

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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

The document consists of **15** printed pages, **1** blank page and **1** Insert.

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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.

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

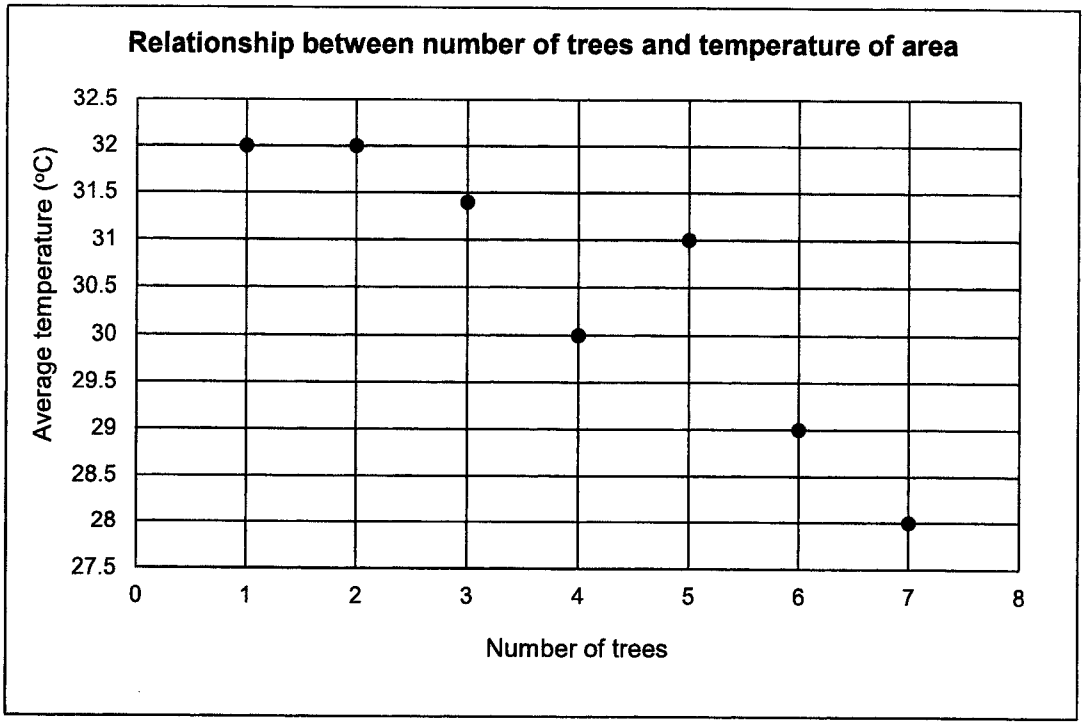


Fig. 1.2

(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.

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(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

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(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.

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(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.

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Name: _____ Class: Sec 4_____

2 Cluster 2: Tourism

(a) Compare mass market tourism with niche travel.

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

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

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

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

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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.

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(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

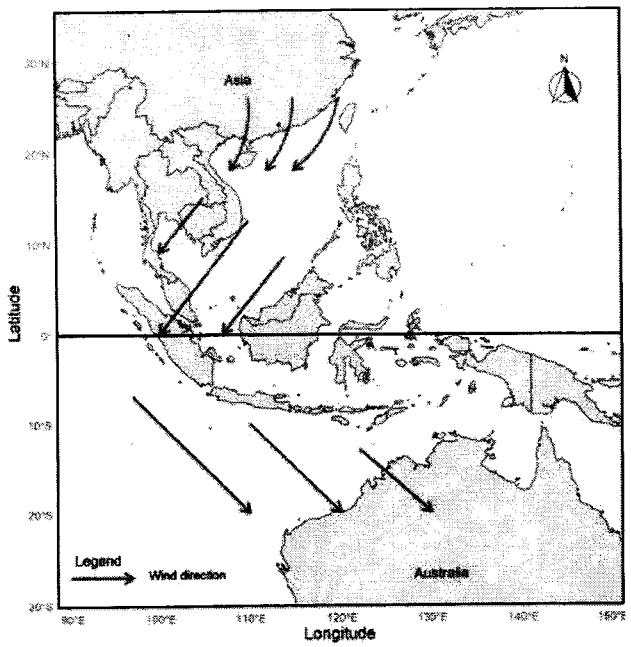


Fig. 3.1

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.

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(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.

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

GEOGRAPHY **2279/01**
PAPER 1

Thursday **21 August 2025** **1 hour 45 minutes**

Insert

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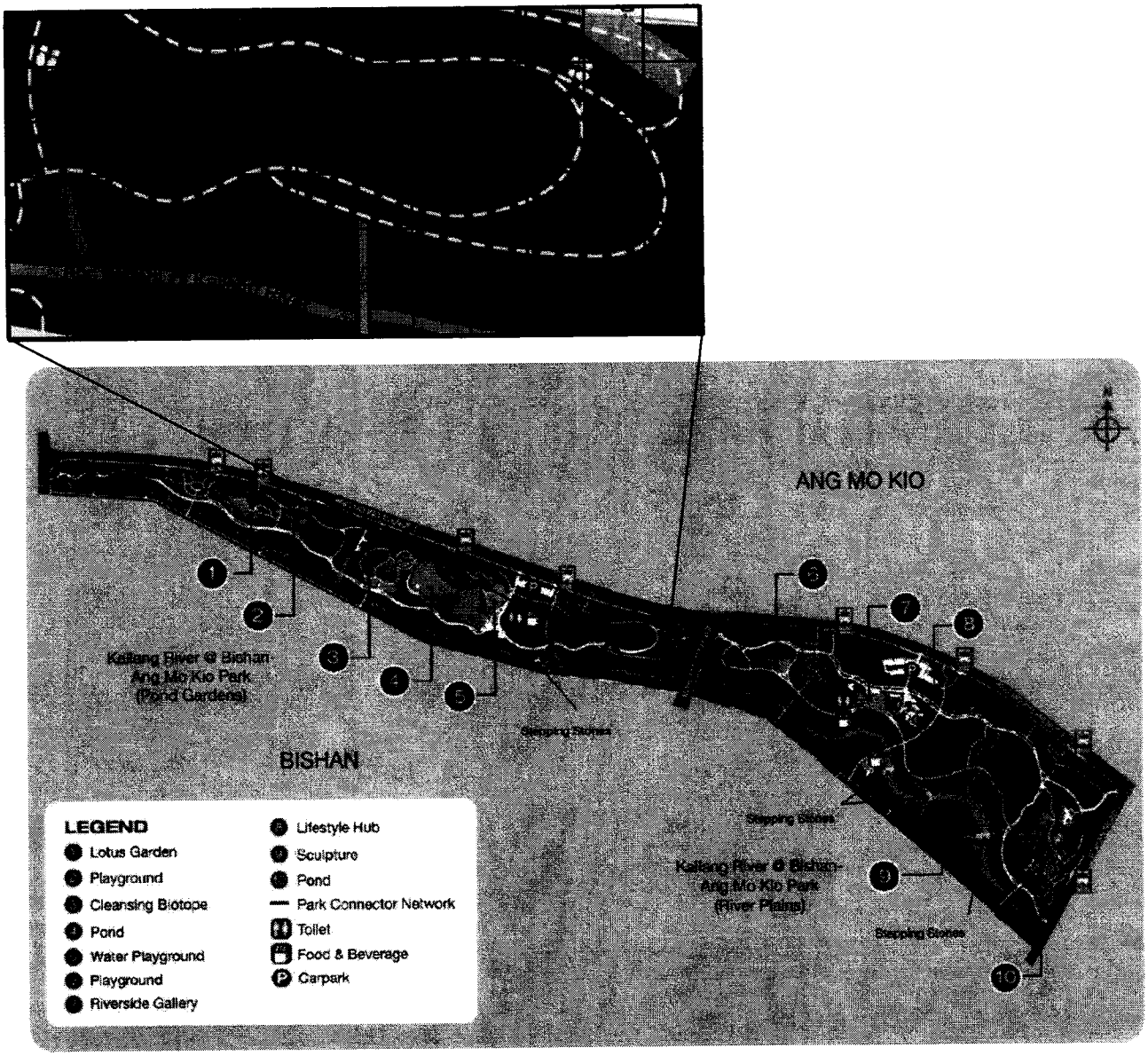
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Fig. 1.1 for Question 1

Map of Bishan-Ang Mo Kio Park

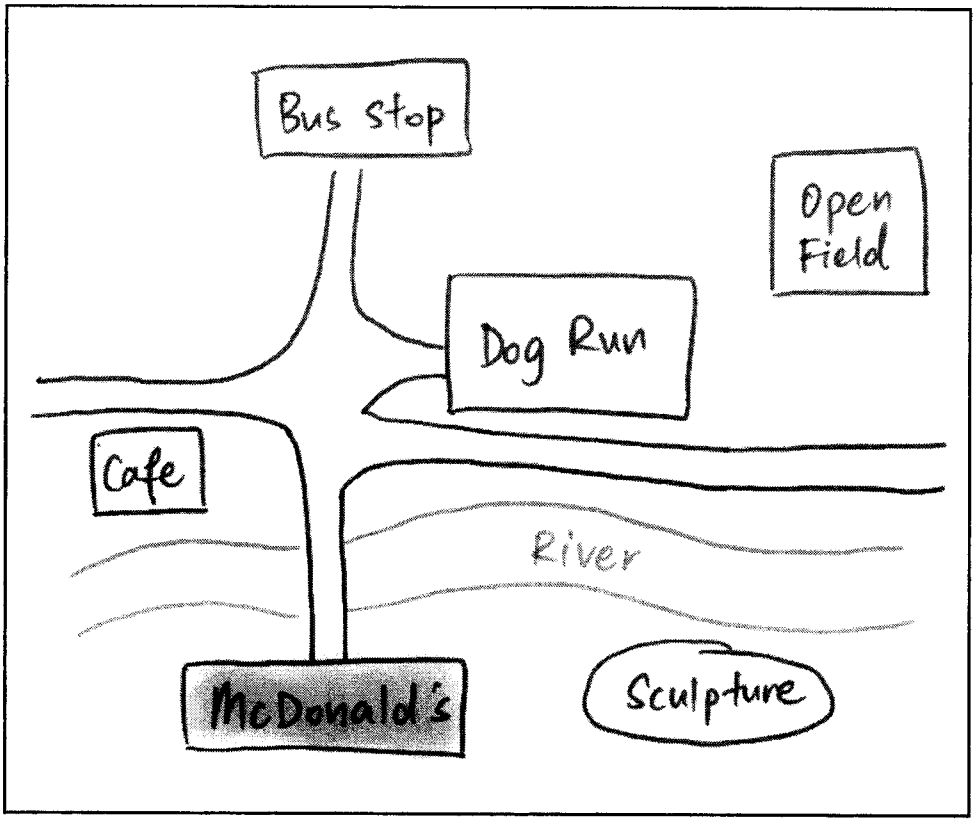


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Fig. 1.4 for Question 1

Mental map from a respondent



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SECONDARY FOUR
O-LEVEL PROGRAMME

CANDIDATE NAME			
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GEOGRAPHY **2279/02**
PAPER 2

Monday **25 August 2025** **1 hour 45 minutes**

Candidates answer on the Question Paper

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Q3	/ 20
Total	/ 50

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Answer **all** questions.

1 Cluster 1: Geography in Everyday Life

(a) A survey was conducted in different countries regarding people's views on the importance of environmental protection as compared to economic growth and job creation. Study Fig. 1.1 (Insert), which shows the results of the survey.

Using Fig. 1.1, describe the trend of the survey results.

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(b) Study Fig. 1.2 (Insert), which shows a mural in Penang, Malaysia.

With reference to Fig. 1.2, explain how the mural can enhance the sense of place for locals in Penang.

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(c) Explain how social sustainability can be promoted in urban neighbourhoods.

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(d) Study Fig. 1.3 (Insert), which shows students learning how to recycle in school.

With reference to Fig. 1.3, explain how environmental stewardship can build sustainable urban neighbourhoods.

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Name: _____ Class: Sec 4_____

2 Cluster 4: Tectonics

(a) Study Fig. 2.1, which shows the formation of a tsunami.

Annotate Fig. 2.1 to explain how a tsunami is formed. [3]

The formation of a tsunami

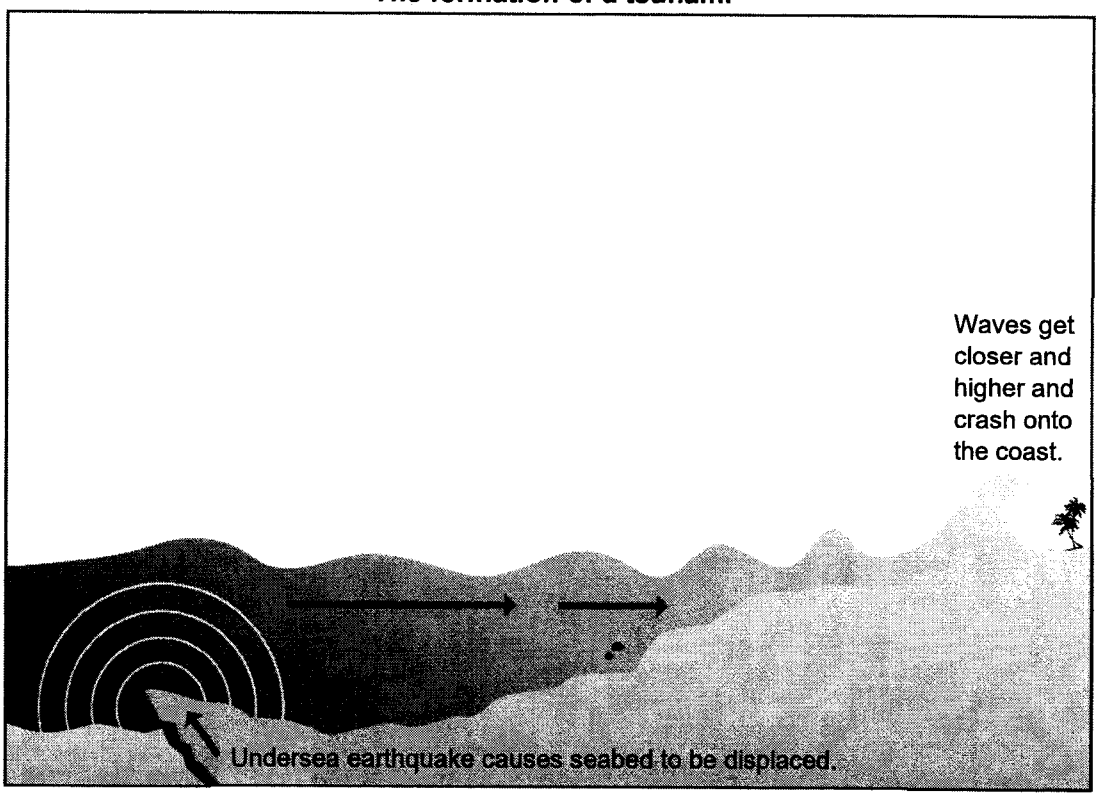


Fig. 2.1

Source: https://www.calstate.edu/csu-system/news/Pages/it-comes-in-waves.aspx

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(b) Study Fig. 2.2, which shows volcanic areas along the Pacific Ring of Fire.

Volcanic areas along Pacific Ring of Fire

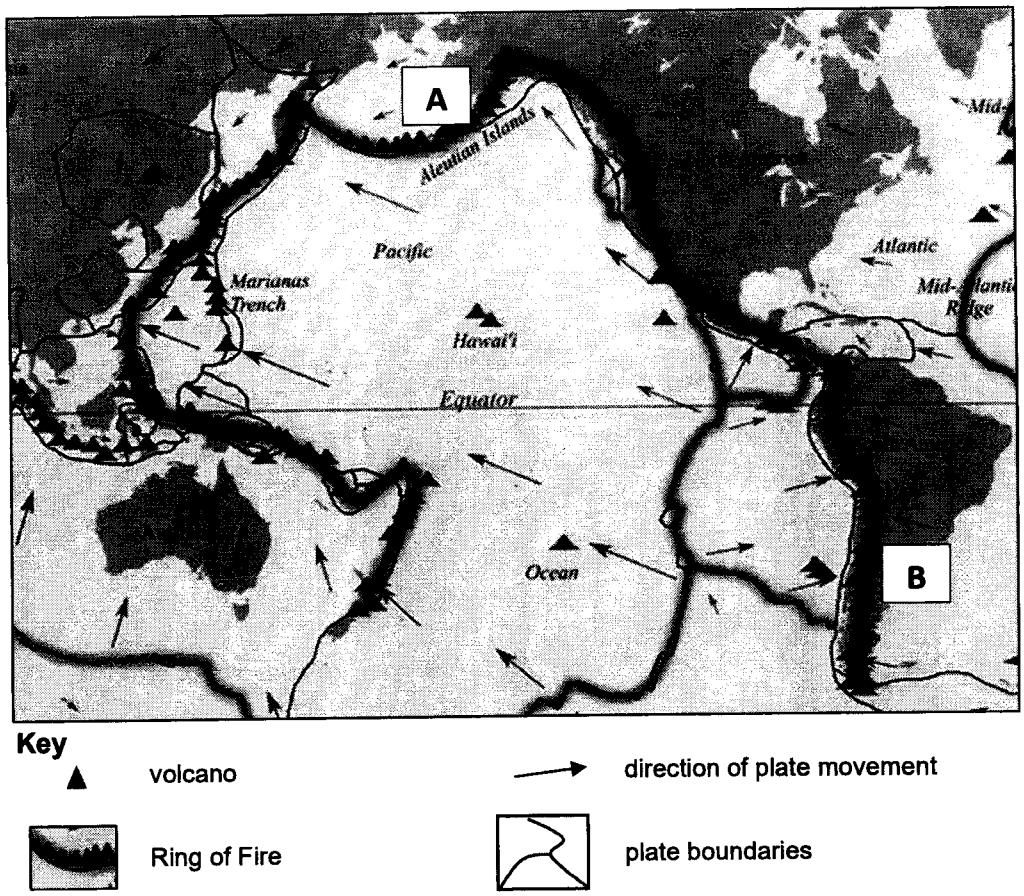


Fig. 2.2

Source: https://science.howstuffworks.com/environmental/earth/geology/ring-of-fire.htm

With reference to Fig. 2.2, compare the occurrence of the volcanoes at A and B.

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(c) 'Timely evacuation is more effective than other disaster management strategies after a tectonic hazard occurs.'

How far do you agree with this statement? Explain your answer.

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Name: _____ Class: Sec 4_____

3 Cluster 5: Singapore

(a) Study Figs. 3.1A and 3.1B (Insert), which show distribution of coastal ecosystems in Singapore in 1950 and 2002 respectively.

Using Figs. 3.1A and 3.1B, describe the changes in the distribution of coastal ecosystems in Singapore between 1950 and 2002.

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(b) Evaluate the social impacts tourism activities have brought to Singapore.

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(c) Study Fig. 3.2 (Insert), which shows innovations adopted by the local farming industry in Singapore.

Using Fig 3.2, explain how the various innovations address the vulnerabilities Singapore face.

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(d) Evaluate the likelihood of Singapore suffering economic losses from volcanic eruptions in the region.

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(e) Explain how integrated master planning helps Singapore achieve sustainable development.

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(f) Explain why good governance plays an important role in the sustainable development of a country.

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[Total: 20]

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SINGAPORE CHINESE GIRLS' SCHOOL
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SECONDARY FOUR
O-LEVEL PROGRAMME

GEOGRAPHY **2279/02**
PAPER 2

Monday **25 August 2025** **1 hour 45 minutes**

Insert

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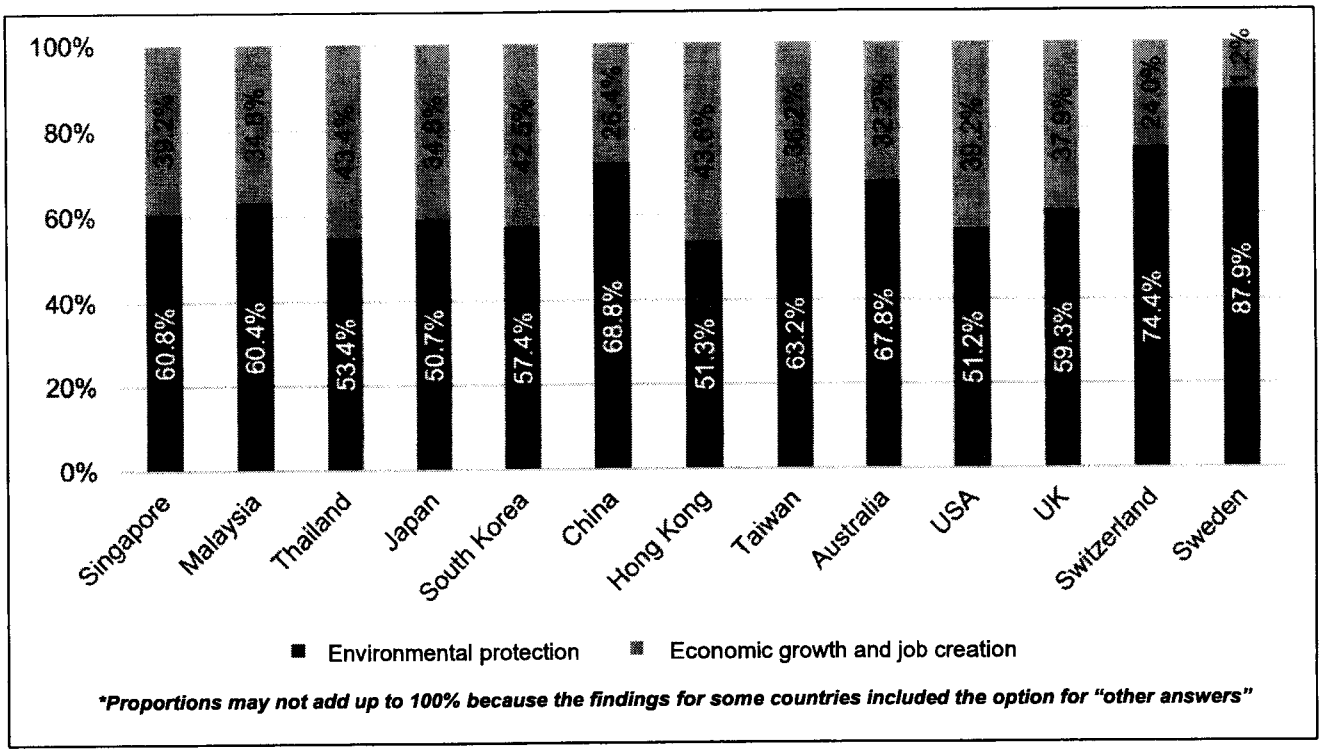
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Fig. 1.1 for Question 1

Bar graph of survey results on people's views on the importance of environmental protection as compared to economic growth and job creation



Source: https://lkyspp.nus.edu.sg/docs/default-source/ips/ips-exchange-series-16.pdf

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Fig. 1.2 for Question 1

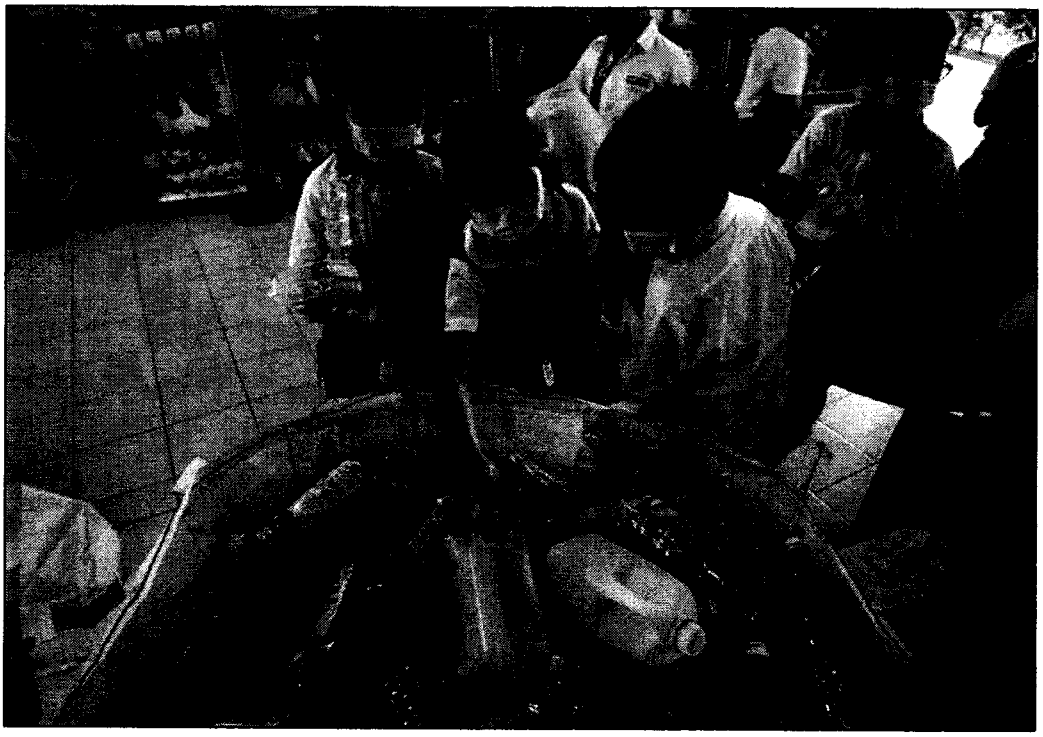
Street art in Penang, Malaysia



Source: https://buenosairesstreetart.com/2014/05/...by-ernest-zacharevic

Fig. 1.3 for Question 1

Students learning how to recycle in school



Source: https://www.straitstimes.com/singapore/...life-in-schools

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Fig. 3.1A for Question 3

Coastal ecosystems in Singapore, 1950

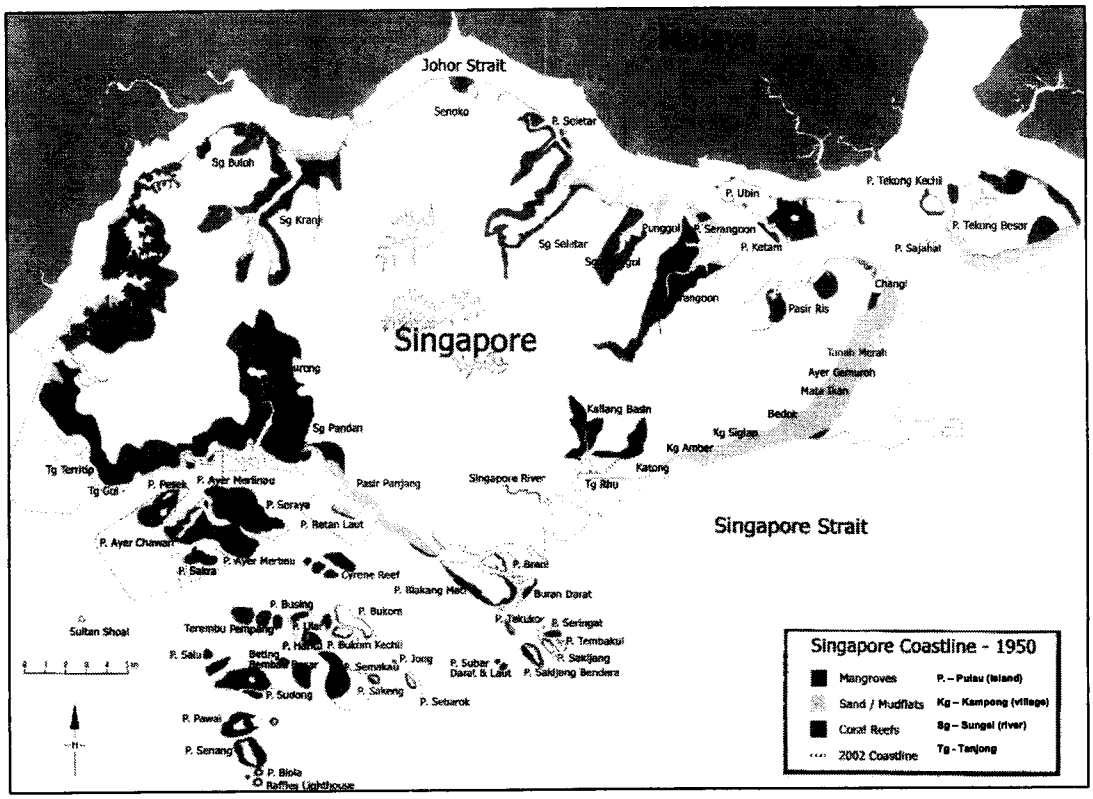
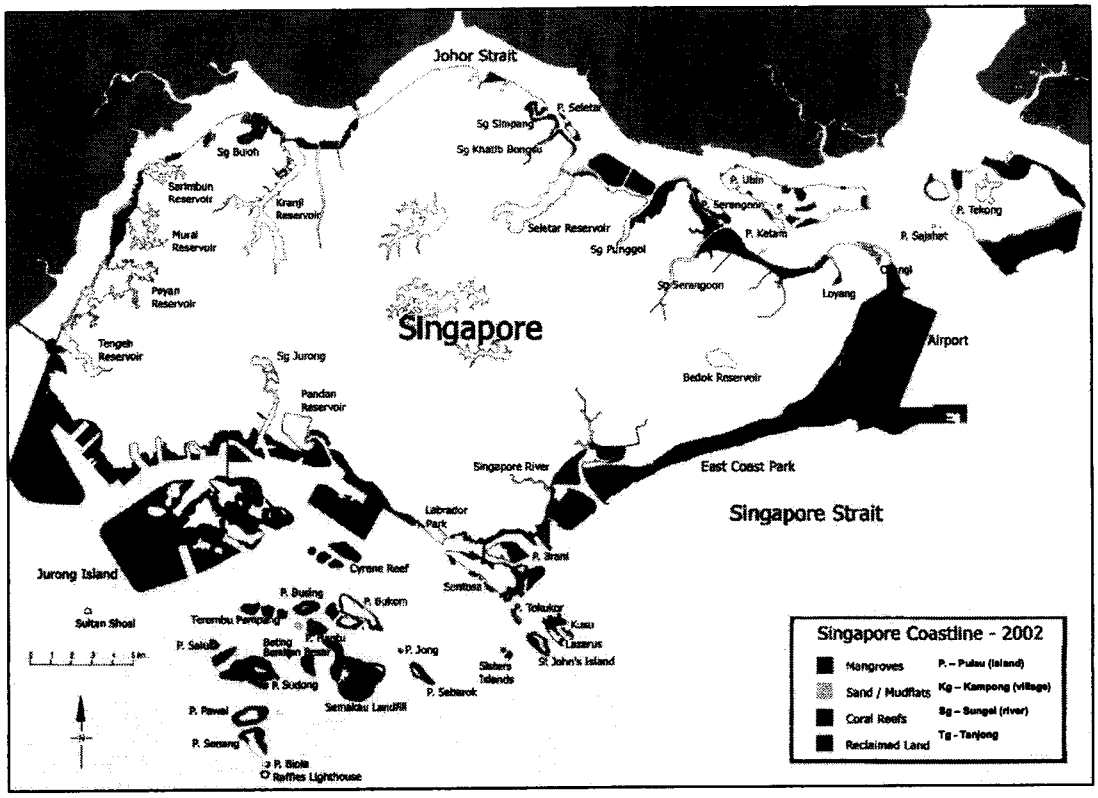


Fig. 3.1B for Question 3

Coastal ecosystems in Singapore, 2002



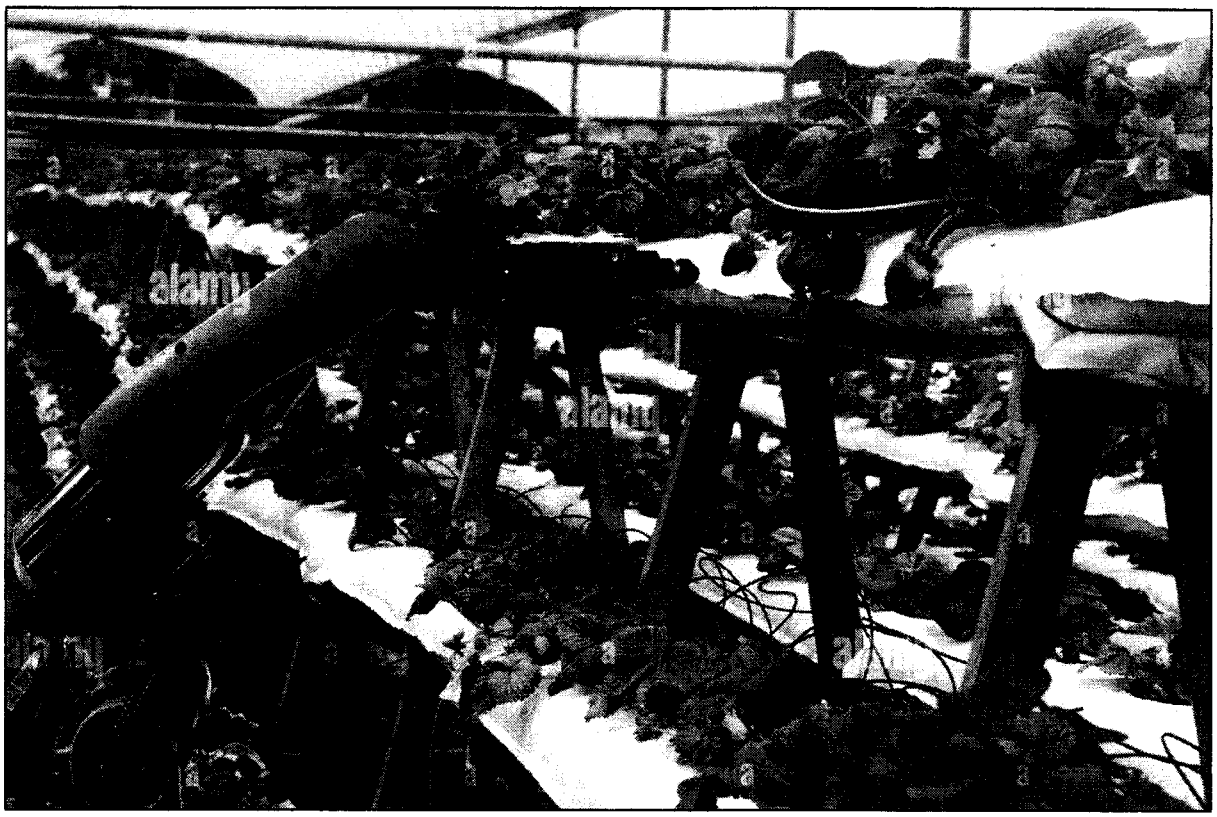
Source: Chua, S. C., et. al. (2003). Singapore Waters: Unveiling Our Seas. Marine Conservation Group: Singapore.

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Fig. 3.2 for Question 3

Innovations seen in Singapore's farming industry



Source: https://c8.alamy.com/comp/KDMW26/agriculture-...-KDMW26.jpg

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