Name: _____ ( ) Class: _____

PRELIMINARY EXAMINATION
GENERAL CERTIFICATE OF EDUCATION ORDINARY LEVEL

GEOGRAPHY **2279/01**

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

Candidates answer in the Question Paper
Additional materials: Insert

READ THESE INSTRUCTIONS FIRST

Write your name, register number, and class 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 highlighters, glue, correction fluid or correction tape.

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.

This document consists of **12** printed pages, **2** blank pages and **1** insert.

圣尼各拉女校
CHIJ ST. NICHOLAS GIRLS' SCHOOL
Girls of Grace • Women of Strength • Leaders with Heart

[Turn over

Downloaded from SingaKids.com

Answer **all** questions.

1. Cluster 1: Geography in Everyday Life

A group of students from SNGS wanted to study the impact of Park Connector Networks (PCNs) on its visitors. The students decided to focus their investigation on the Southern Ridges PCN and came up with the hypothesis:

'The Southern Ridges Park Connector Network has a made a positive impact on its visitors.'

The students started their investigation by studying a map featuring all the PCNs in Singapore as seen in Fig.1.1 (insert).

(a) State where the students may have retrieved the map from and, other than showing location, explain one possible use of the map in their investigation.

.....

.....

.....[2]

(b) Before the students went to the Southern Ridges PCN, they did a risk assessment. The risk assessment filled out by the group is shown in Fig. 1.2.

hazard	likelihood of hazard	severity of hazard	degree of risk
getting lost or separated from group	2	2	4
exposure to high temperature	3	3	9
caught in heavy rainfall	3	2	6
slipping/tripping/falling	2	4	8

Understanding risk assessment:
Likelihood of hazard: 1 (little chance) to 5 (greatest chance)
Severity of hazard: 1 (least severe) to 5 (most severe)
Degree of risk = likelihood of encountering hazard x severity of hazard

Fig. 1.2

(i) Based on Fig. 1.2, assess the level of risk involved in conducting their investigation at the Southern Ridges PCN.

.....

.....

.....[2]

Downloaded from SingaKids.com

(ii) Suggest two strategies that the students can adopt to prepare for the hazard with the highest degree of risk.

.....

.....

..... [2]

(c) The students decided to that they will interview 50 visitors on one weekend morning at the Southern Ridges PCN. They prepared a set of questions, as seen in Fig.1.3, to conduct their interviews. Fig. 1.4 (insert) shows a map the Southern Ridges PCN.

Interview questions for the Southern Ridges

1. Where in Singapore are you from?
2. How often do you visit the Southern Ridges?
   a. First time b. Once a year c. Every few months d. Monthly e. Weekly
3. The Southern Ridges improves my mental well-being.
   a. Strongly disagree b. Disagree c. Neutral d. Agree e. Strongly agree
4. The trails are accessible and well-connected.
   a. Strongly disagree b. Disagree c. Neutral d. Agree e. Strongly agree
5. I am more environmentally conscious after visiting the Southern Ridges.
   a. Strongly disagree b. Disagree c. Neutral d. Agree e. Strongly agree
6. Please draw a mental map of the different sites you visited along the Southern ridges

Fig. 1.3

(i) Describe how the data collected for Question 1 could be presented on a map of Singapore.

.....

.....

..... [2]

(ii) Suggest why asking the respondents to draw a mental map of their experience, as seen in Question 6, is a good idea.

.....

.....

..... [2]

[Turn over

Downloaded from SingaKids.com

(iii) With reference to Fig. 1.4, explain how the students could sample visitors to collect the data needed to test their hypothesis. Justify your choice of sampling method.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[4]

Downloaded from SingaKids.com

(d) The students decided to expand their hypothesis:

Revised hypothesis: 'The Southern Ridges has made a positive impact on its visitors and the environment.'

Other than the interviews, they also conducted an environmental observation survey at selected locations of the Southern ridges PCN. Figs. 1.5 and 1.6 show the tabulated responses of their interview and the environmental survey.

Respondent Options of the Impact of Southern Ridges

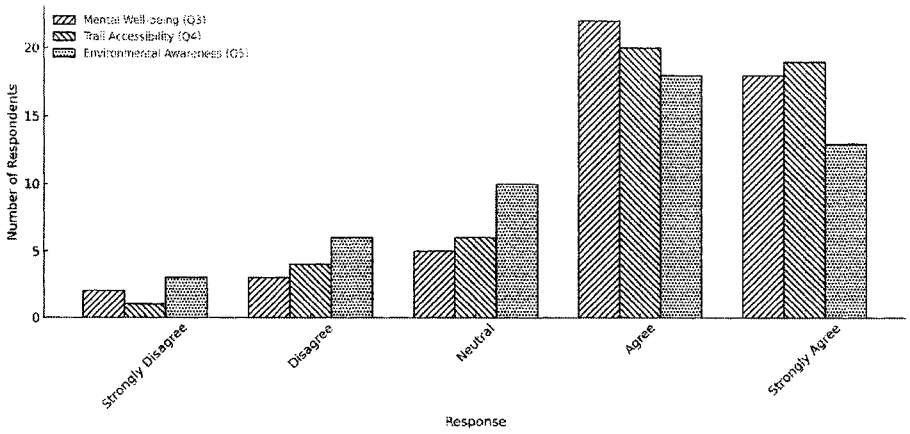


Fig. 1.5

Environmental observation Survey at the Southern

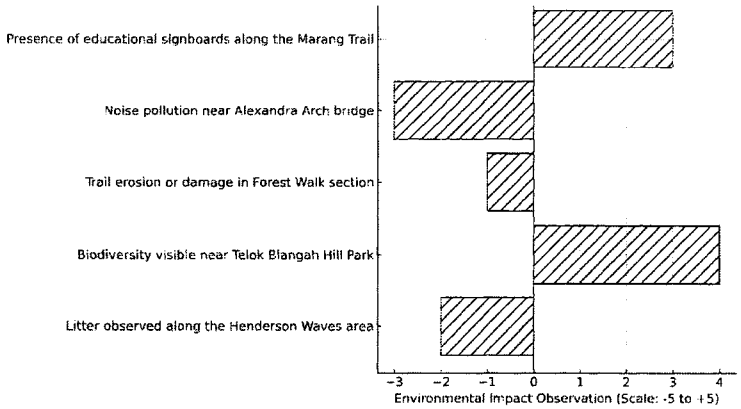


Fig. 1.6

Using Figs.1.5 and 1.6 only, evaluate how well the data supports the students' revised hypothesis.

.....

.....

Downloaded from SingaKids.com

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [6]

[20 marks]

[Turn over

Downloaded from SingaKids.com

2. Cluster 2: Tourism

(a) With the help of an example, explain how an increase in the ability to travel has led to the growth of tourism.

.....

.....

.....

.....

.....[3]

(b) Study Fig. 2 which shows two different perspectives about Chinatown.

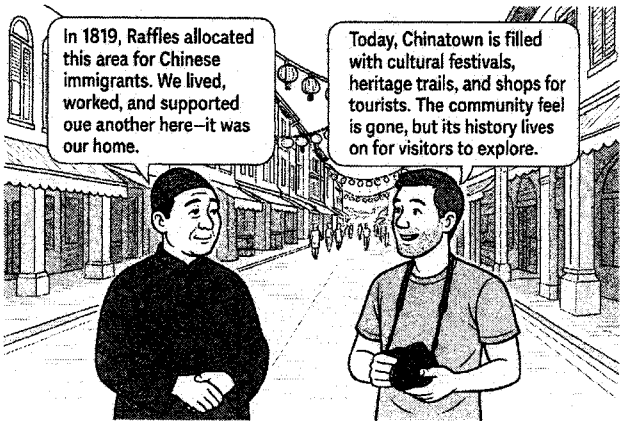


Fig. 2

Using Fig. 2, compare the role of Chinatown in Singapore over time and explain how this change may lead to cultural dilution if not carefully managed.

.....

.....

.....

.....

.....

.....[3]

Downloaded from SingaKids.com

(c) How does tourism positively affect the society and economy of places? Illustrate your answer with an example that you have studied.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[5]

(d) Explain pro-poor tourism and its limitations.

.....

.....

.....

.....

.....

.....

.....

.....[4]

[15 marks]

Downloaded from SingaKids.com

3. Cluster 3: Climate

(a) Study Fig. 3.1 (insert), which shows the intensity of the Urban Heat Island (UHI) effect in Singapore and Fig. 3.2 (insert) which is a satellite image of Singapore showing the location of green spaces in Singapore.

Using Figs. 3.1 and 3.2 (insert), describe the distribution of the UHI effect in Singapore.

.....

.....

.....[2]

(b) Explain the formation of the regional winds experienced in Singapore during the months of October to February.

.....

.....

.....

.....

.....

.....

.....

..... [4]

Downloaded from SingaKids.com

(c) Study Fig. 3.3, which shows some strategies that have been taken to manage the impact of climate change.

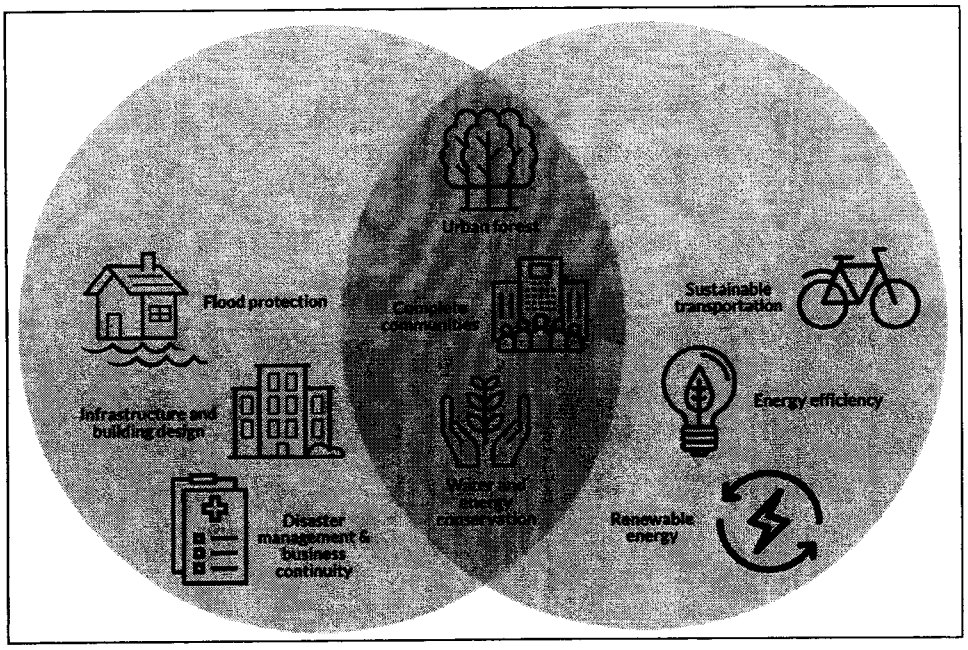


Fig. 3.3

"The adoption of adaptation strategies is sufficient for communities to build resilience against climate change."

With reference to Fig. 3.3, to what extent do you consider this statement to be true? Explain your answer.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

[Turn over

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.

Downloaded from SingaKids.com

BLANK PAGE

Downloaded from SingaKids.com

BLANK PAGE

Copyright Acknowledgement:

Fig. 1.2 for Question 1: Adapted from GCE NA-Level 2246 Geography Specimen Paper 1
Figs 1.3, 1.5 and 1.6 for Question 1: Some content in this material was generated with the assistance of ChatGPT (OpenAI, 2025) and has been adapted
Fig. 2 for Question 2: OpenAI. (2025). *A black-and-white cartoon-style illustration depicting the historical and modern significance of Chinatown* [AI-generated image]. ChatGPT.
Fig. 3.3 for Question 3: Adapted from: https://rdn.bc.ca/climate-change-adaptation-and-mitigation

Downloaded from SingaKids.com

Name: _____ ( ) Class: _____

PRELIMINARY EXAMINATION
GENERAL CERTIFICATE OF EDUCATION ORDINARY LEVEL

GEOGRAPHY

2279/01

Paper 1

21 August 2025
1 hour 45 minutes

INSERT

READ THESE INSTRUCTIONS FIRST

This Insert contains additional resources referred to in the questions.

This document consists of **4** printed pages and **2** blank pages.

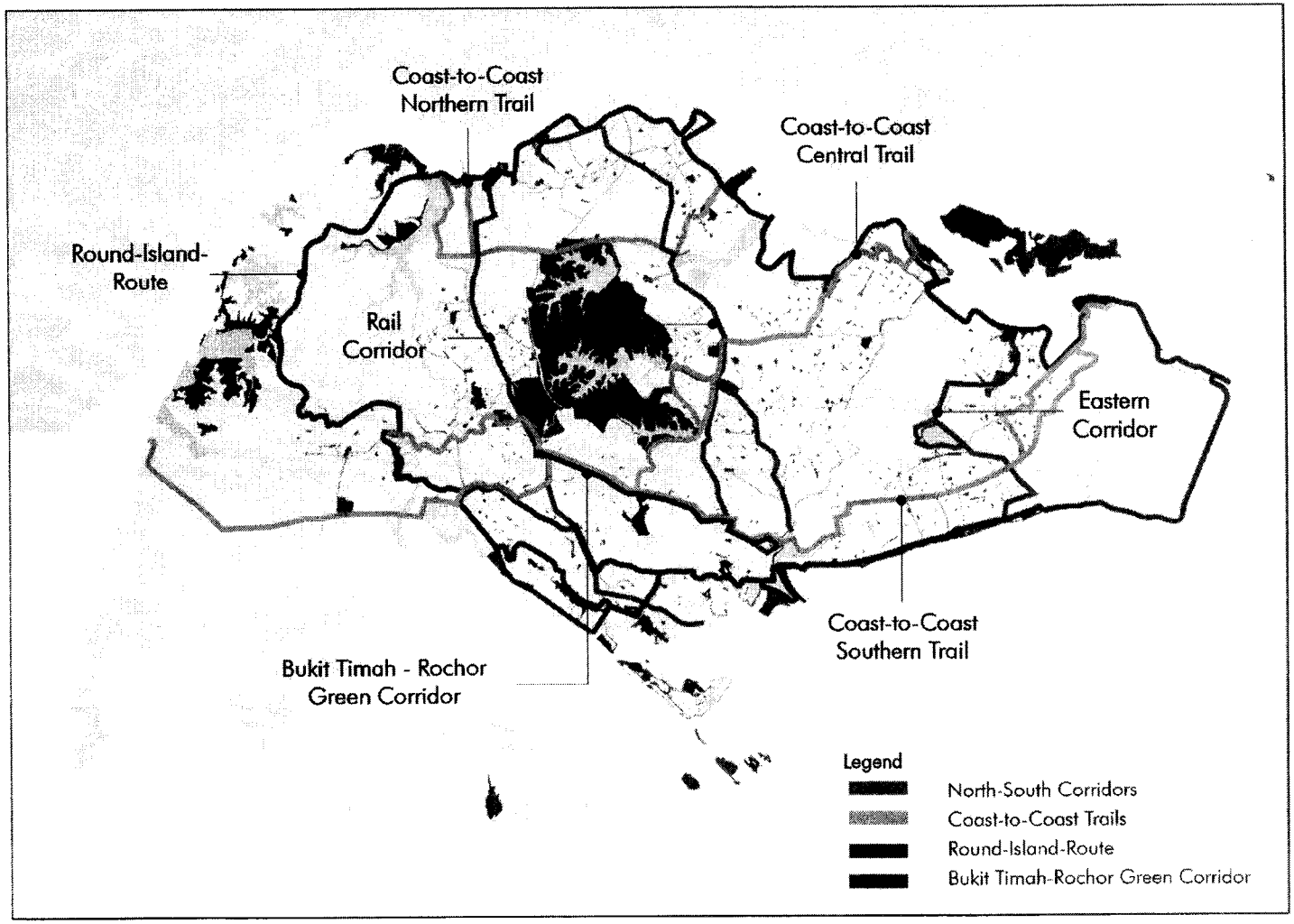
圣尼各拉女校
CHIJ ST. NICHOLAS GIRLS' SCHOOL
Girls of Grace • Women of Strength • Leaders with Heart

[Turn Over

Downloaded from SingaKids.com

Fig. 1.1 for Question 1(a)

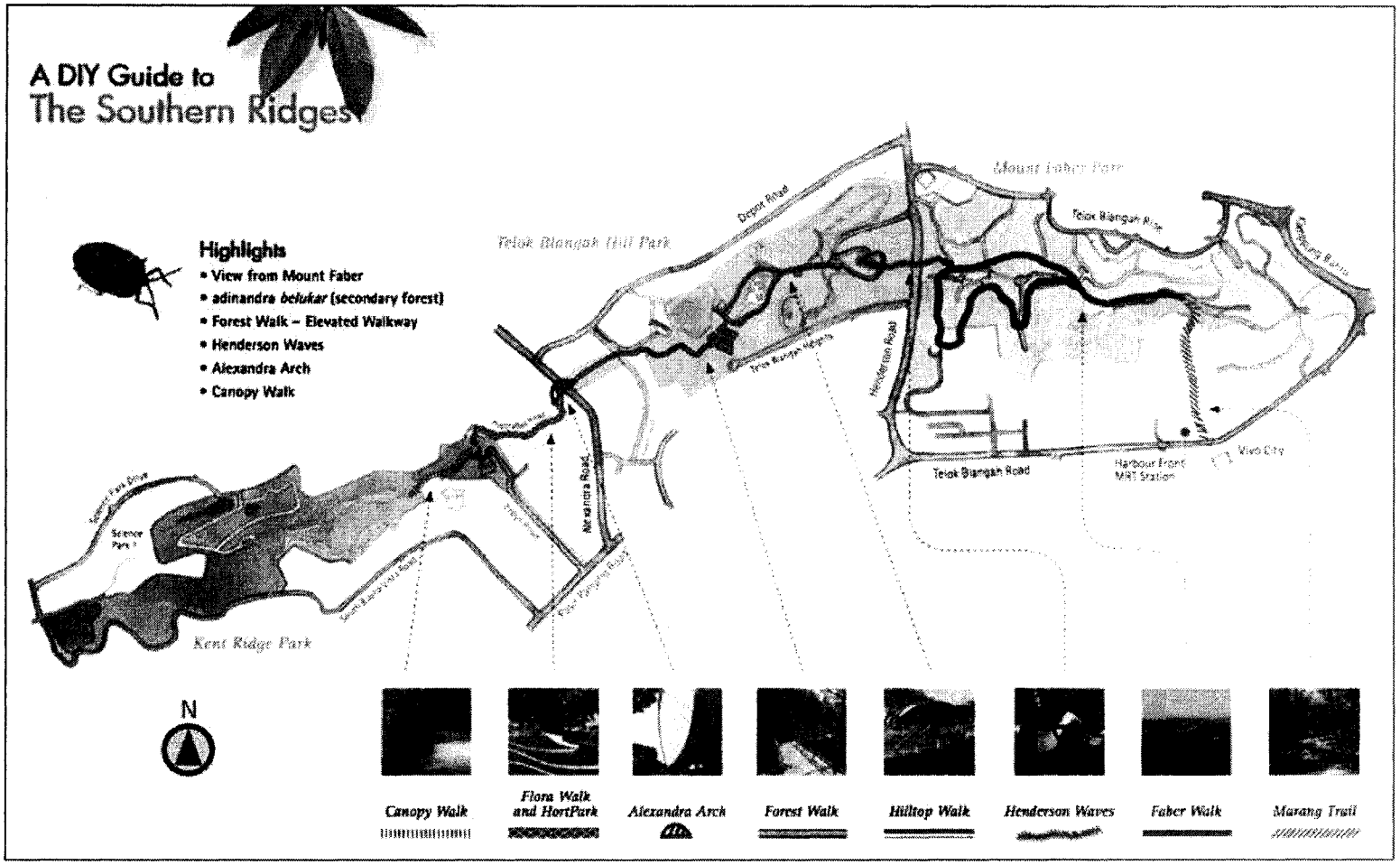
Map of PCNs in Singapore



Downloaded from SingaKids.com

Fig. 1.4 for Question 1(c)

Map of the Southern Ridges



Downloaded from SingaKids.com

Figs. 3.1 and 3.2 for Question 3(a)

Fig. 3.1: Urban Heat Island

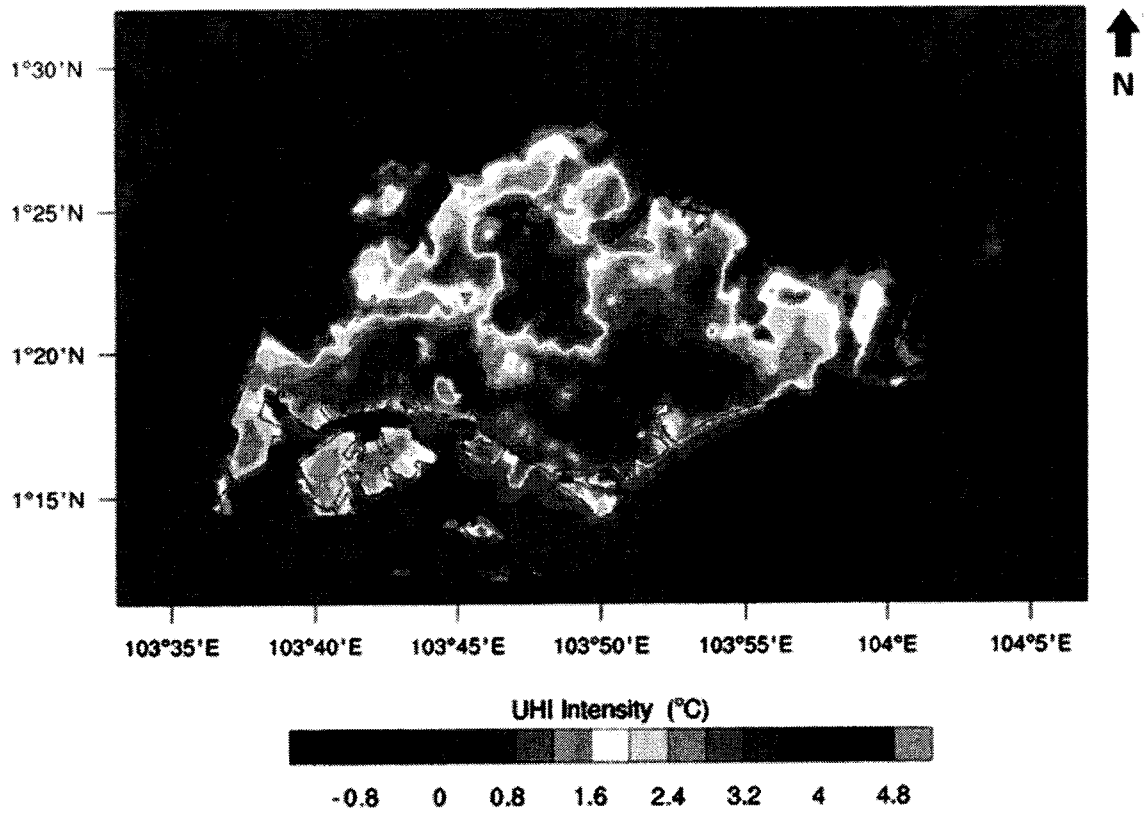


Fig. 3.2: Map of greenery in Singapore



Downloaded from SingaKids.com

BLANK PAGE

Downloaded from SingaKids.com

BLANK PAGE

Copyright Acknowledgements:

Question 1 Fig, 1.1: https://pcn.xxxxxxxxxxx
Question 1 Fig. 1.4: https://phylorf.org/southern-ridges/
Question 3 Fig. 3.1: https://www.researchgate.net/figure/Map-of-the-Urban-Heat-IslandUHI-situation-in-Singapore-presented-to-the-respondents_fig2_342493410
Question 3 Fig. 3.2: https://www.posterhub.com.sg/lifestyle-posters/maps/singapore-satellite-3d-rendered-map/

Downloaded from SingaKids.com

Name: _____ ( ) Class: _____

PRELIMINARY EXAMINATION

GENERAL CERTIFICATE OF EDUCATION ORDINARY LEVEL

GEOGRAPHY **2279/02**

Paper 2 **26 August 2025**

1 hour 45 minutes

Candidates answer on the Question Paper

Additional materials: Insert

READ THESE INSTRUCTIONS FIRST

Write your name, register number, and class 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 highlighters, glue, correction fluid or correction tape.

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.

This document consists of **11** printed pages, **1** blank page and **1** insert.



圣尼各拉女校
CHIJ ST. NICHOLAS GIRLS' SCHOOL
Girls of Grace • Women of Strength • Leaders with Heart

[Turn over

Downloaded from SingaKids.com

Answer **all** questions.

Cluster 1: Geography in Everyday Life

1. **(a)** Study Fig. 1.1 (Insert), which shows people gathering near a temple to celebrate Diwali festival in Ayodhya, India.

With reference to Fig. 1.1, describe how a sense of place is acquired.

.....

.....

.....

.....

.....

.....

.....

.....[3]

(b) Explain the benefits that supporting ecosystem services provide for urban neighbourhoods.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....[4]

Downloaded from SingaKids.com

(c) Study Fig. 1.2, which shows the number and causes of traffic accidents in Singapore in 2022 and 2023.

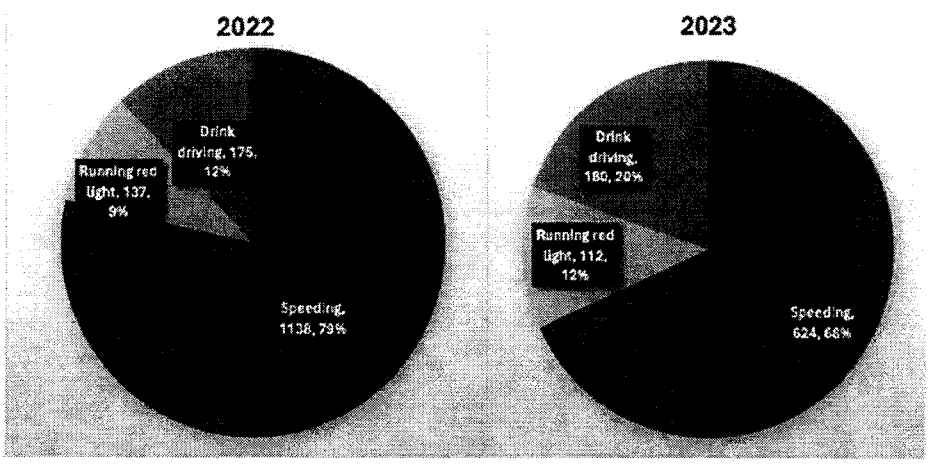


Fig. 1.2

Using Fig. 1.2, describe the occurrences of traffic accidents in 2022 and 2023.

.....

.....

.....

.....

.....

.....

.....

..... [3]

[Turn over

Downloaded from SingaKids.com

(d) Study Fig. 1.3 (Insert), which shows a community park in an urban area in the USA.

(i) Sketch the community park shown in Fig. 1.3 in the space provided. Annotate the sketch by identifying **two pairs** of spatial associations in the area.

[3]

(ii) With reference to Fig. 1.3, explain how people using the community park may bring problems to nature.

.....

.....

.....

.....

.....

.....[2]

[15 marks]

[Turn over

Downloaded from SingaKids.com

Cluster 4: Tectonics

2. (a) Study Fig. 2.1, which shows a mid-ocean ridge.

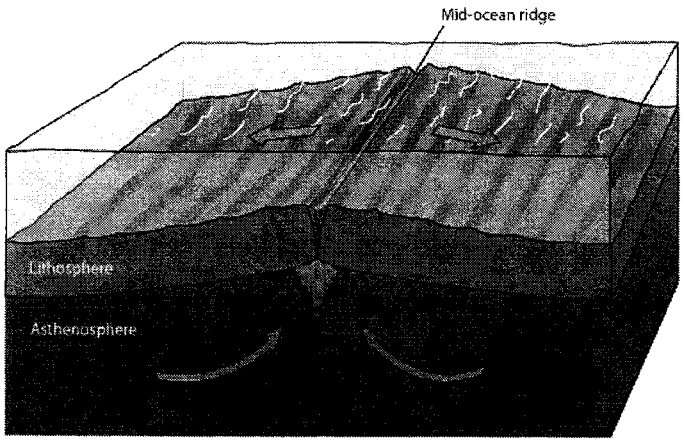


Fig. 2.1

(b) With reference to Fig. 2.1, account for the change in the age of oceanic rocks with increasing distance from the mid-ocean ridge.

.....

.....

.....

.....

.....

.....

.....

.....[3]

Downloaded from SingaKids.com

(c) Study Fig. 2.2 (Insert), which shows Mount St Helens before and after an eruption in 1982.

With reference to Fig. 2.2, explain how volcanic eruptions damage natural ecosystems.

.....

.....

.....

.....

.....

.....[3]

(d) Study Figs. 2.3 and 2.4 (Insert), which show some information about earthquakes that happened in different places.

"The disaster risk caused by an earthquake at a place is most affected by its distance from the earthquake epicentre."

With reference to Figs. 2.3 and 2.4, to what extent do you consider the above statement to be true? Support your answer with relevant examples.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Downloaded from SingaKids.com

.....

.....

.....

Cluster 5: Singapore

3. (a) Study Fig. 3.1 (Insert), which shows a map of some of Singapore's coastal ecosystems.

Using Fig. 3.1, describe the distribution of mangroves and corals.

.....

.....

.....

.....[2]

(b) Study Fig. 3.2, which shows a population pyramid of Singapore in 2024.

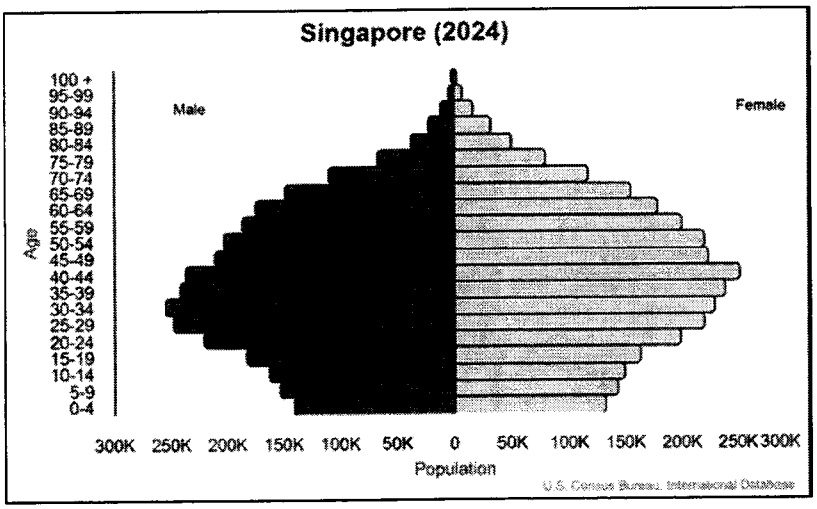


Fig 3.2

With reference to Fig 3.2 only, identify a possible demographic challenge that such a population structure may present and explain its impact on the economic viability of Singapore.

.....

.....

.....

.....

.....

.....

[Turn over

Downloaded from SingaKids.com

.....

.....

.....

.....[4]

(c) Study Fig. 3.3, which shows the SkillsFuture scheme introduced by the Singapore government.

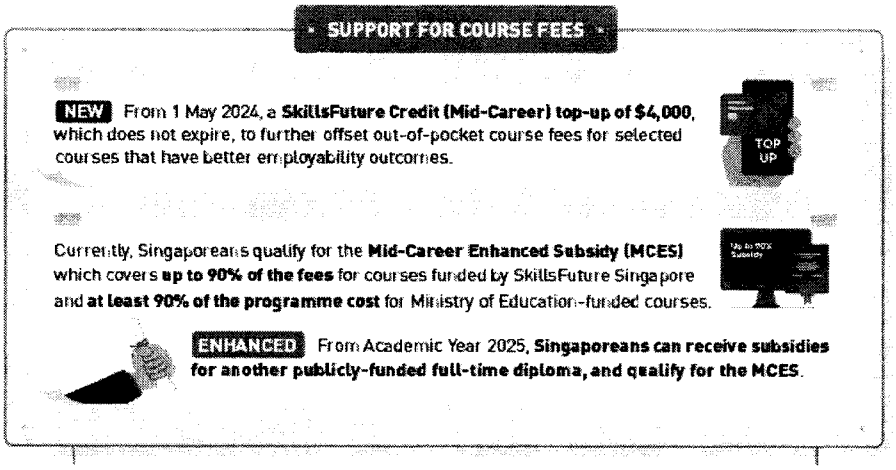


Fig. 3.3

With reference to Fig. 3.3, explain how schemes like SkillsFuture help in building social resilience in Singapore.

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [4]

Downloaded from SingaKids.com

(d) Study Fig. 3.4 (Insert), which shows some tectonic information in Southeast Asia.

With the help of Fig. 3.4, explain the possible tectonic threats to Singapore and how Singapore has managed to turn it into opportunities.

.....

.....

.....

.....

.....

.....

.....

.....

.....[4]

(e) Evaluate Singapore's effort in building food resilience to mitigate the impact of climate change. Support your answer with relevant examples.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [6]

[20 marks]

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.

Downloaded from SingaKids.com

12

BLANK PAGE

Copyright Acknowledgements:
Question 1 Fig. 1.2: Data taken from https://www.straitstimes.com/singapore/fatal-road-accidents-up-in-2023-many motorists-have-irresponsible-driving-behaviours-traffic-police
Question 2 Fig. 2.1: https://mercedesevans.weebly.com/sea-floor-spreads.html
Question 3 Fig. 3.2: https://www.cia.gov/the-world-factbook/static/94da61df3a6d19fdfe6a63eca9041740/sn_popgraph2024.jpeg
Question 3 Fig. 3.3: https://www.myskillsfuture.gov.sg/content/portal/en/index.html

Downloaded from SingaKids.com

Name: _____ ( ) Class: _____

PRELIMINARY EXAMINATION
GENERAL CERTIFICATE OF EDUCATION ORDINARY LEVEL

GEOGRAPHY

2279/02

Paper 2

26 August 2025
1 hour 45 minutes

INSERT

READ THESE INSTRUCTIONS FIRST

This Insert contains additional resources referred to in the questions.

This document consists of **7** printed pages and **1** blank page.

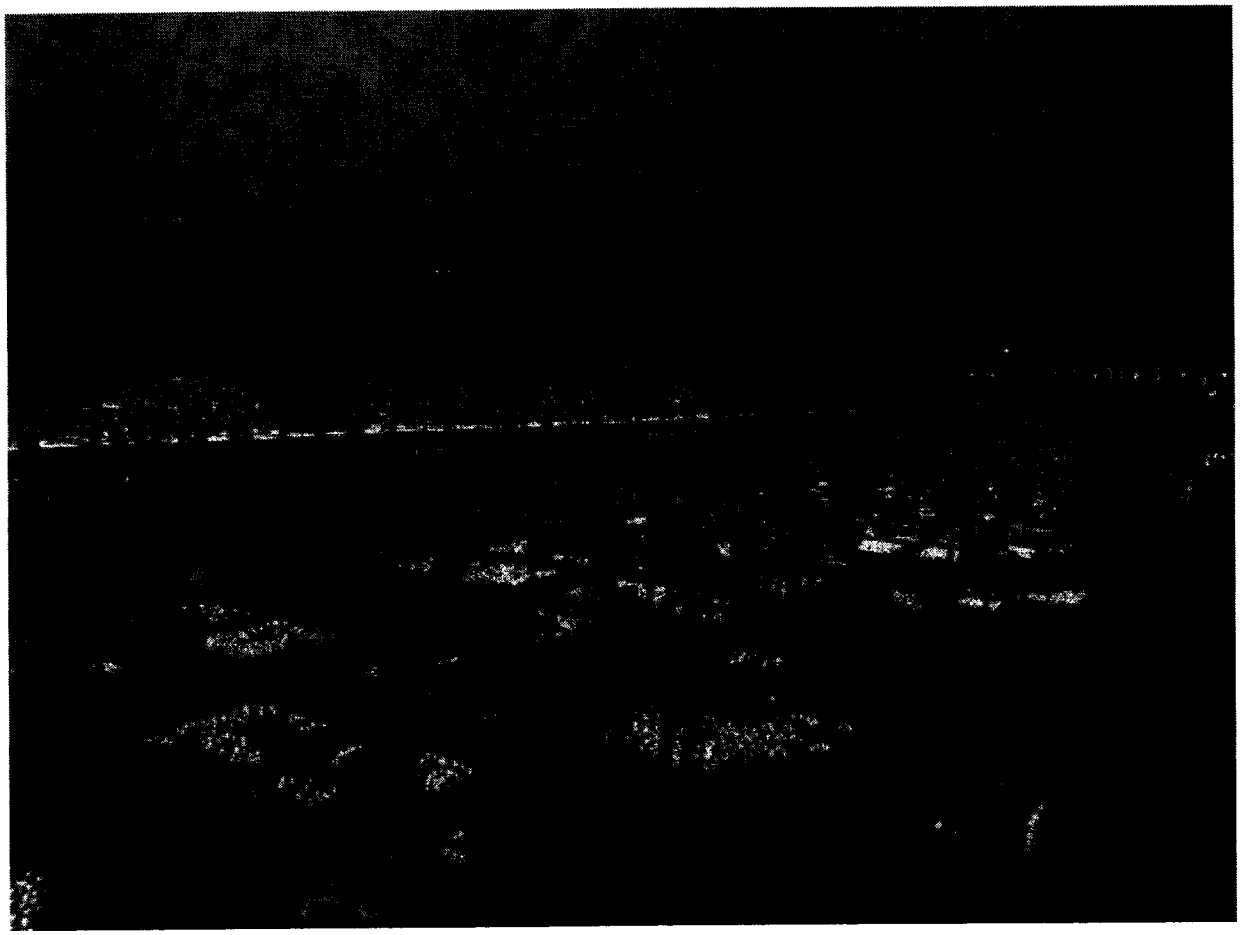
圣尼各拉女校
CHIJ ST. NICHOLAS GIRLS' SCHOOL
Girls of Grace • Women of Strength • Leaders with Heart

[Turn Over

Downloaded from SingaKids.com

Fig. 1.1 for Question 1(a)

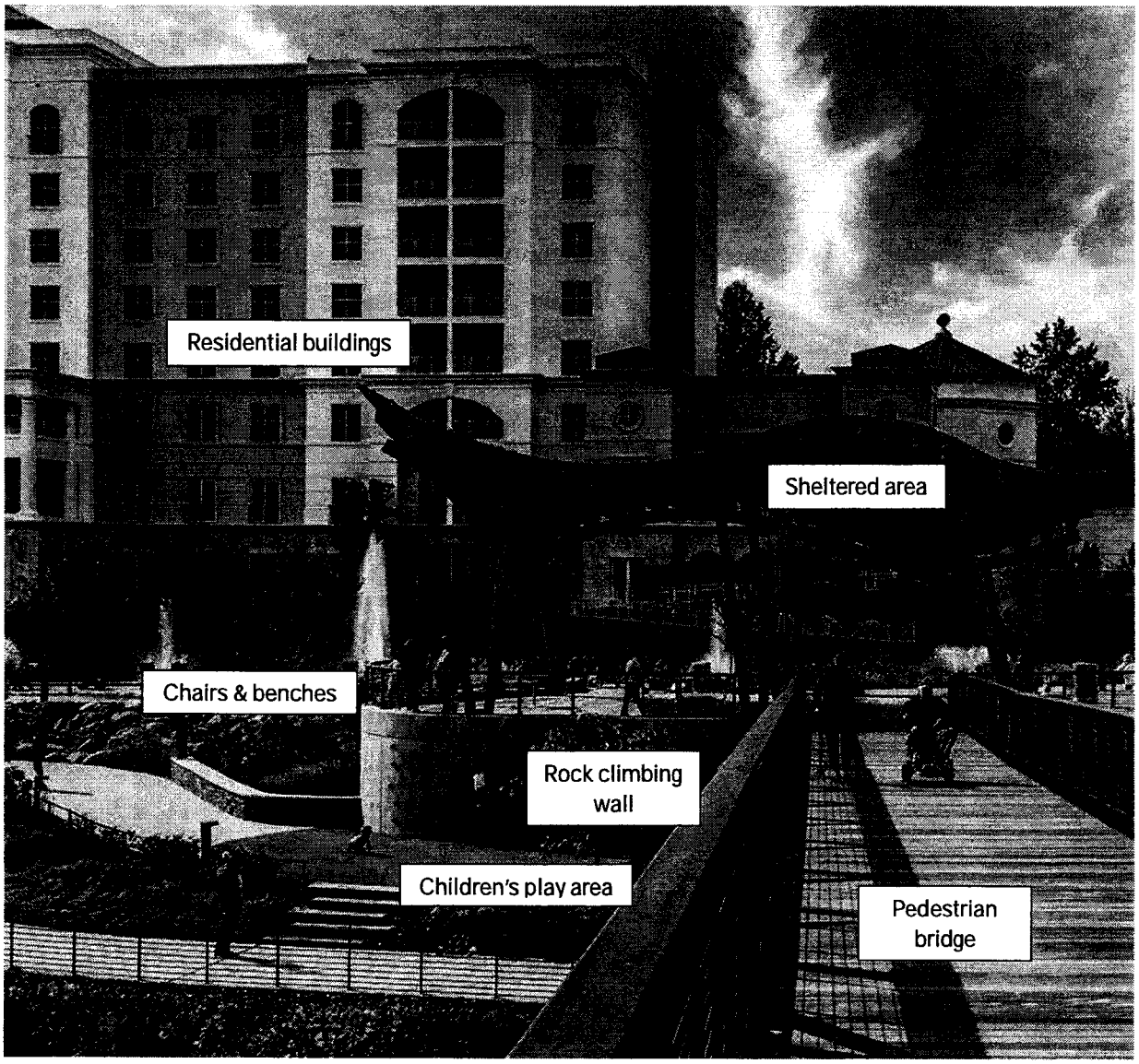
People gathering near a temple to celebrate Diwali



Downloaded from SingaKids.com

Fig. 1.3 for Question 1(d)

A community park in an urban area in the USA



Downloaded from SingaKids.com

Fig. 2.2 for Question 2(b)

Mount St Helens before and after its eruption in 1982



Downloaded from SingaKids.com

Figs. 2.3 and 2.4 for Question 2(c)

Fig 2.3: Map of the severity of ground shaking during the Sichuan Earthquake 2008

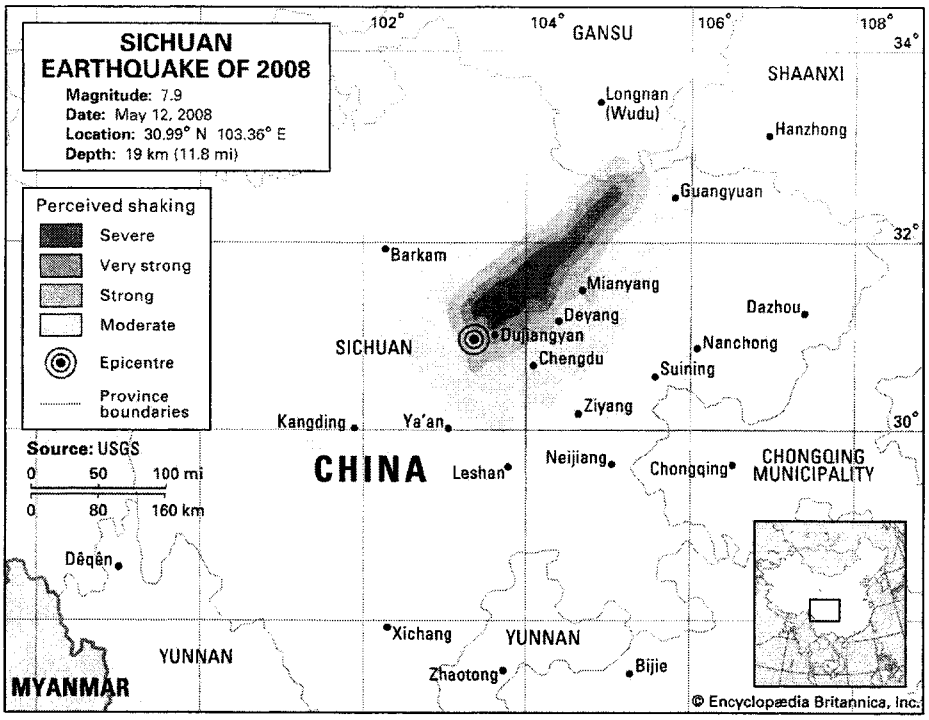
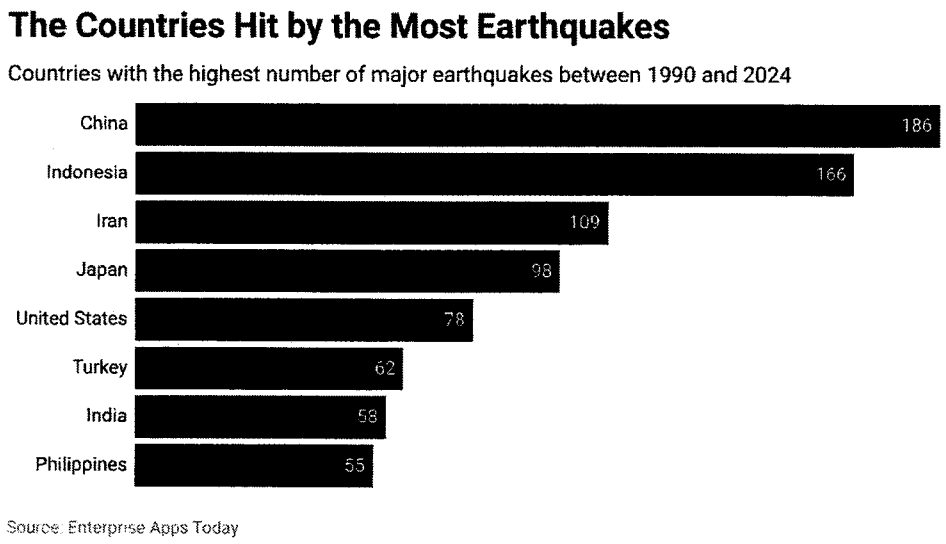


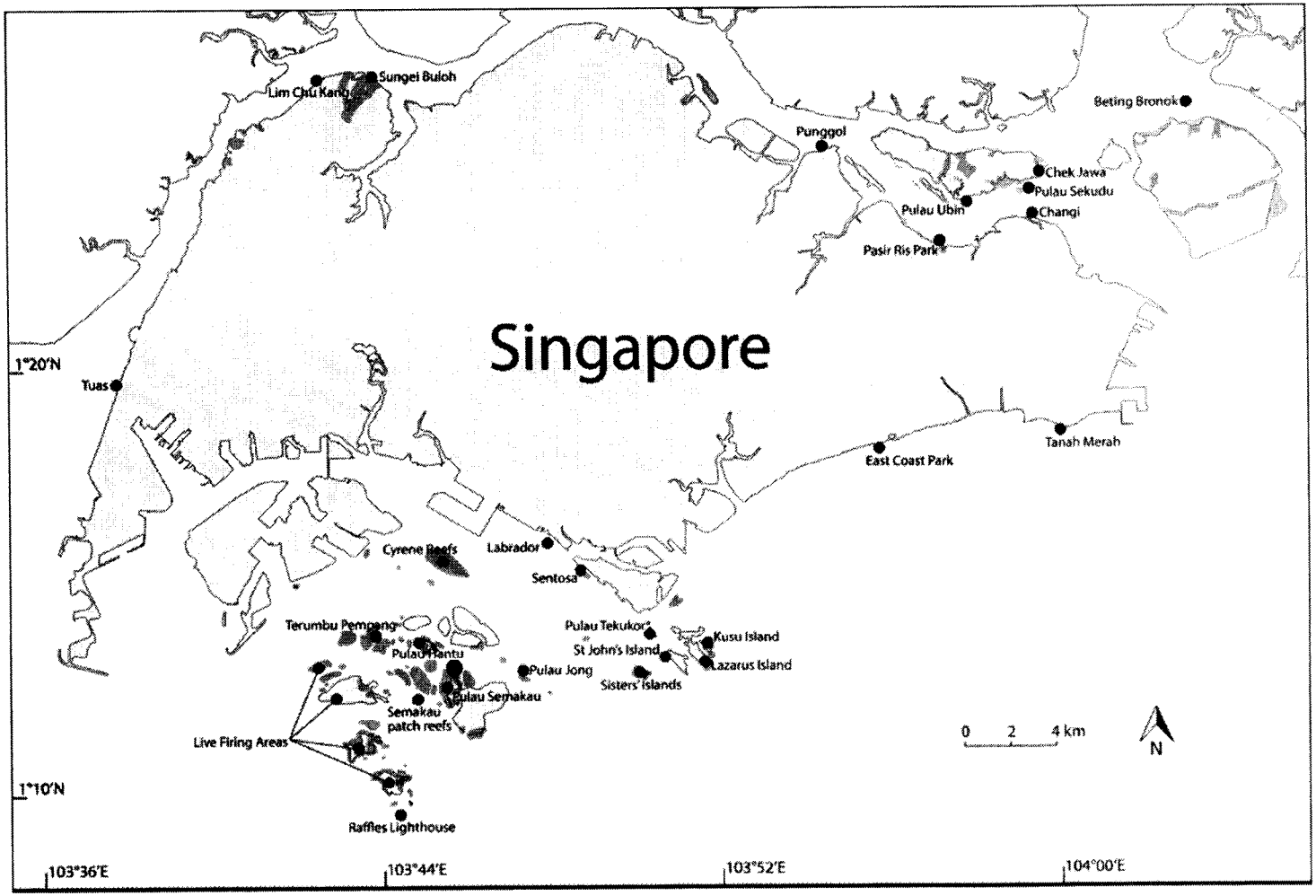
Fig. 2.4: Graph showing the countries hit by the greatest number of earthquakes



Downloaded from SingaKids.com

Fig 3.1 for Question 3(a)

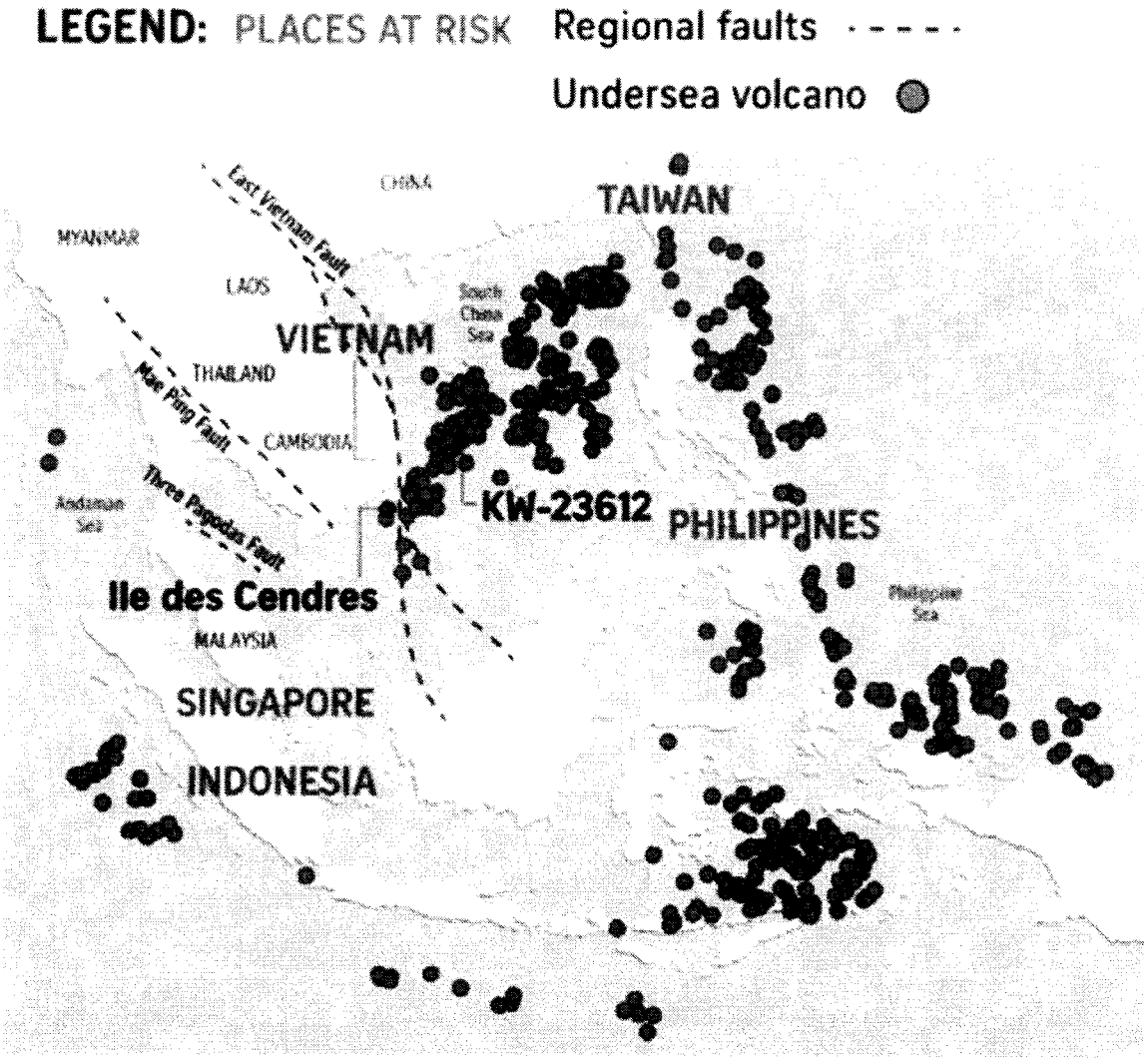
Map showing distribution of coral reefs, mangrove forests and sand/mudflats shaded in blue, red and green respectively



Downloaded from SingaKids.com

Fig. 3.4 Question 3(d)

Tectonic activities in Southeast Asia



Downloaded from SingaKids.com

BLANK PAGE

Copyright Acknowledgements:

Question 1 Fig. 1.1: https://apnews.com/article/coronavirus-pandemic-lifestyle-religion-india-pandemics-7a26ae895669d4a97f6e27f9023c40d7
Question 1 Fig. 1.3: https://landdesign.com/project/ballantyne-reimagined-landscape-architecture/
Question 2 Fig. 2.1: https://mercedesevans.weebly.com/sea-floor-spreads.html
Question 2 Fig. 2.2: https://www.sfu.ca/geog/geog355fall03/mrpeterm/meth.html
Question 2 Fig. 2.3: https://www.britannica.com/event/Sichuan-earthquake-of-2008
Question 2 Fig. 2.4: https://www.enterpriseappstoday.com/stats/earthquake-statistics.html
Question 3 Fig. 3.1: https://coralreef.nus.edu.sg/singapore.html
Question 3 Fig. 3.2: https://magazine.washington.edu/feature/after-mount-st-helens-erupted-1980-became-a-lost-spring-for-some/
Question 3 Fig. 3.6: https://www.straitstimes.com/singapore/with-466-undersea-volcanoes-in-region-singapore-at-risk-if-big-eruption-hits-scientists

Downloaded from SingaKids.com