

Name:	Class:	Register Number:
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中正中学

CHUNG CHENG HIGH SCHOOL (MAIN)

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**PRELIMINARY EXAMINATION 2025
SECONDARY 4**

HUMANITIES

2260/02

Paper 2 Geography

26 August 2025

Candidates answer on the Question Paper.

1 hour 45 minutes

Additional materials: Insert

READ THESE INSTRUCTIONS FIRST

Write your name, class and register number clearly 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 **three** questions in total.

Section A

Answer Question 1 **and** Question 2.

Section B

Answer **either** Question 3 **or** Question 4.

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.

For Official Use	
Question 1	/14
Question 2	/18
Question 3/4	/18
Total	/50

This document consists of **21** printed pages, **1** blank page and **1** Insert.

[Turn Over

Section A

Answer Question 1 **and** Question 2.

1 Cluster 1: Geography in Everyday Life

(a) Study Fig. 1.1 (Insert), which shows two neighbourhoods in Bedok New Town.

Using Fig. 1.1, compare the features between the two neighbourhoods.

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(b) Study Fig. 1.2 (Insert), which shows a park in an urban neighbourhood in Singapore.

(i) With reference to Fig. 1.2, explain how parks can help in promoting social sustainability in an urban neighbourhood.

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- (ii) With reference to Fig. 1.2 (Insert), describe how parks can provide regulating ecosystem services for residents.

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- (c) A group of students investigated the well-being of residents in Tampines. They tested the hypothesis: 'There is variation in the wellness of residents across different age groups.'

They used a closed-ended questionnaire survey to collect information on the well-being of residents. They organised themselves into two groups, with each group conducting the survey at a location shown in Fig. 1.3 (Insert).

Each group of students surveyed 400 participants, and they used quota sampling to select 100 participants from each age group. They ensured that the participants are residents of Tampines before conducting the survey.

Fig. 1.3 (Insert) shows the locations where the students conducted their survey and Table 1.1 (Insert) shows the results of the questionnaire survey.

- (i) Evaluate the reliability of the students' data collection methods.

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(ii) Using Table 1.1, evaluate how well the data supports the students' hypothesis.

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[Total: 14]

2 Cluster 2: Tourism

- (a) Study Table 2.1, which shows the results of a survey carried out to find out if tourists may revisit tourist destinations. The results of the survey are collated based on income groups and Fig. 2.1 shows a partially completed scatter graph representing the results shown in Table 2.1.

Table 2.1

Results of the survey which are collated based on income groups

income group	<\$2000	\$2000-\$3999	\$4000-\$5999	\$6000-\$7999	\$8000-\$9999	>\$10,000
number of respondents who indicated they may revisit tourist destinations	5	20	28	15	40	55

Relationship between income and revisiting tourist destinations

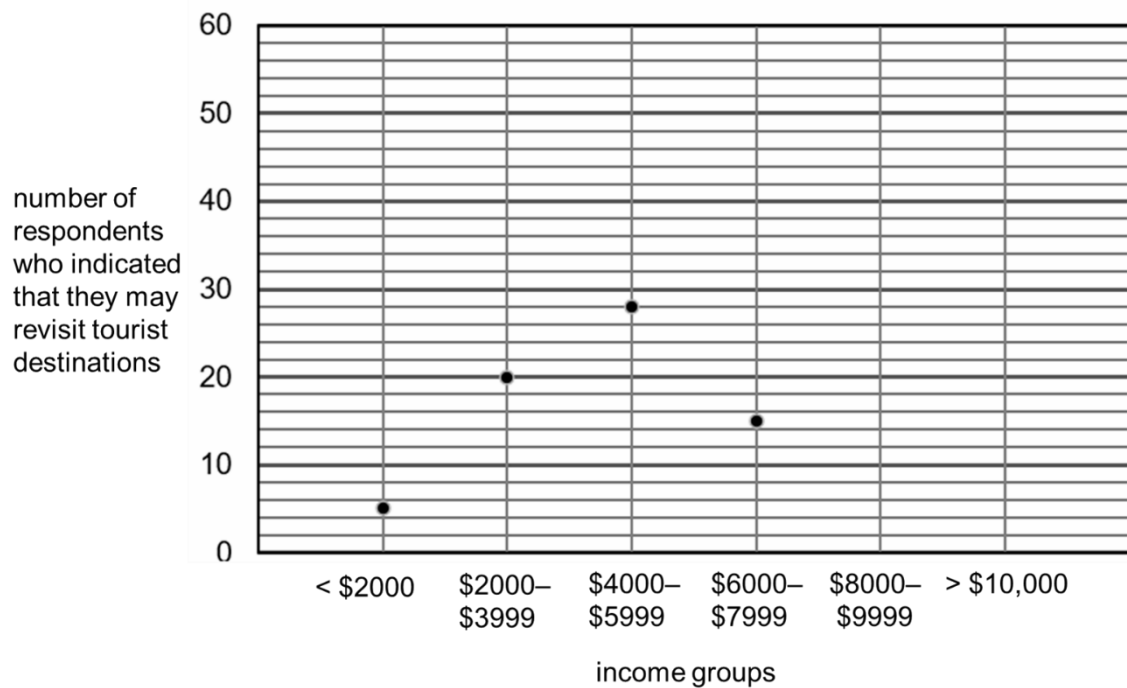


Fig. 2.1

- (i) Use the information from Table 2.1 to complete the scatter graph in Fig. 2.1 and draw a best-fit line. [2]

- (ii) Using Table 2.1 and Fig. 2.1, describe how income may affect the decision of tourists to revisit tourist destinations.

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- (b) Study Fig. 2.2A (Insert), which shows Gross National Product (GNP) per capita of countries in Asia and Fig. 2.2B (Insert), which shows tourist departures from countries in Asia.

Using Figs. 2.2A and 2.2B, to what extent does the data show that GNP per capita of countries and tourist departures have a positive relationship?

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- (c)** Study Fig. 2.3, which shows tourists participating in an ecotourism activity.

'Ecotourism is the most effective approach in achieving sustainable tourism development.'

With reference to Fig. 2.3, to what extent do you consider this statement to be true? Explain your answer.

This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting or typing. There are no margins, text, or other markings on the page.

[Total: 18]

Section B

Answer **either** Question 3 **or** Question 4.

3 Cluster 3: Climate

- (a) Study Fig. 3.1A (Insert) which shows the location of two cities in Canada, Winnipeg and Halifax, and Fig. 3.1B (Insert), which shows the average temperature of these two cities.
- (i) Use information from Fig. 3.1B, describe differences in the average temperature between Winnipeg and Halifax.

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- (ii) Using Figs. 3.1A and 3.1B, account for the variation in average temperature between Winnipeg and Halifax.

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(b) Explain how higher sunspot activity results in higher temperatures on Earth.

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(c) Explain the impact of climate change on terrestrial ecosystems.

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- (d)** Study Fig. 3.2 (Insert), which shows the aftermath of a tropical storm on the southern coastal region of Bangladesh in 2016.

With reference to Fig. 3.2, suggest how the tropical storm might have affected the economy of Bangladesh.

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[Total: 18]

4 Cluster 4: Tectonics

(a) Study Fig. 4.1, which shows a divergent plate boundary.

A divergent plate boundary

Using Figs. 4.2A and 4.2B, describe similarities and differences in the distribution of oceanic trenches and fold mountains in relation to plate boundaries.

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(c) Study Figs. 4.3A (Insert) and 4.3B (Insert).

Fig. 4.3A is a map showing the plate boundaries where Nepal is located and Fig. 4.3B is a map showing information about an earthquake which occurred in Nepal in 2015.

- (i) With reference to Fig. 4.3A, explain why the earthquake occurred.

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- (ii) Using Fig. 4.3B, explain why many areas in Nepal suffered serious damage as a result of the earthquake.

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(d) Explain how tectonic disasters can result in economic losses.

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[Total: 18]

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.

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2025 Preliminary Examination/CCHMS/Secondary 4/Elective Geography/2260/02

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Question 1	Fig. 1.1	© https://sso.agc.gov.sg/SL-Supp/S333-2019/Published?DocDate=20190426&ProvIds=Sc-https://sso.agc.gov.sg/SL/HDA1959-S638-2019?ValidDate=20190923&ProvIds=Sc-
Question 1	Fig. 1.2	© https://www.ramboll.com/projects/water/bishan-park-singapore-nature-for-all
Question 1	Fig. 1.3	© https://www.streetdirectory.com/tampines
Question 2	Fig. 2.2A	© https://www.indexmundi.com/facts/indicators/st.int.dprt.map.asia
Question 2	Fig. 2.2B	© https://en.wikipedia.org/wiki/List_of_countries_by_GDP_%28nominal%29
Question 2	Fig. 2.3	© https://wiki.ubc.ca/Course:CONS200/2019/Impacts_of_Ecotourism_on_the_Galapagos_Islands
Question 3	Fig. 3.1A	© https://www.sciencedirect.com/science/article/abs/pii/S0013935120303650
Question 3	Fig. 3.2	© https://www.straitstimes.com/asia/south-asia/thousands-homeless-in-cyclone-hit-bangladesh
Question 4	Fig. 4.2A	© https://www.livescience.com/planet-earth/geology/how-many-tectonic-plates-does-earth-have
Question 4	Fig. 4.2B	© https://www.ccyd.co.uk/wp-content/uploads/2020/03/Tectonics-workbook-1.pdf
Question 4	Fig. 4.3A	© https://bordinenepal.wordpress.com/wp-content/uploads/2015/09/2a-map.jpg
Question 4	Fig. 4.3B	© https://sg.news.yahoo.com/beyond-repair-nepals-quake-hit-homes-await-bulldozers-063550961.html

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Insert

1 hour 45 minutes

READ THESE INSTRUCTIONS FIRST

This Insert contains additional resources referred to in the questions.

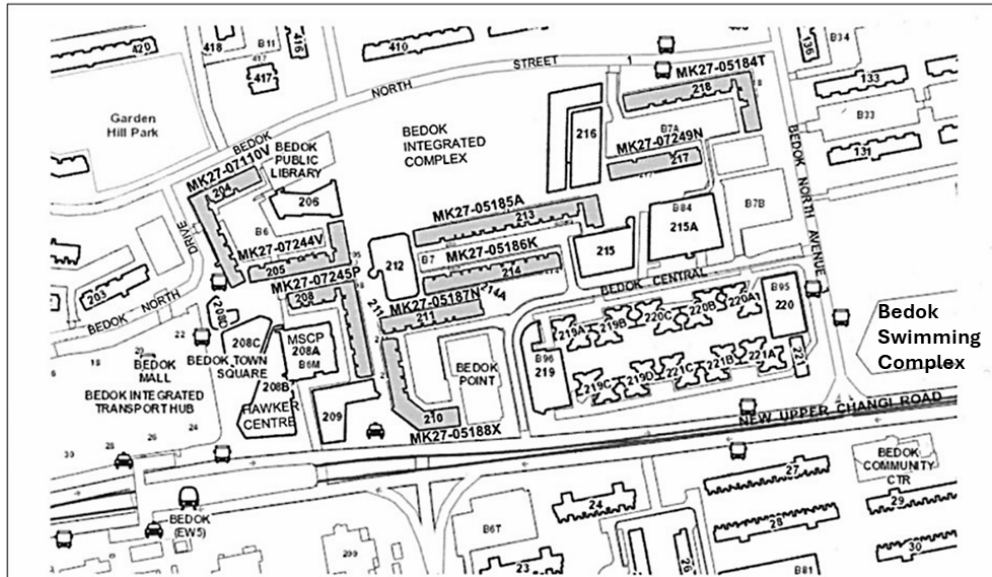
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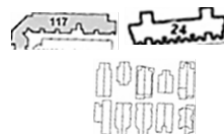
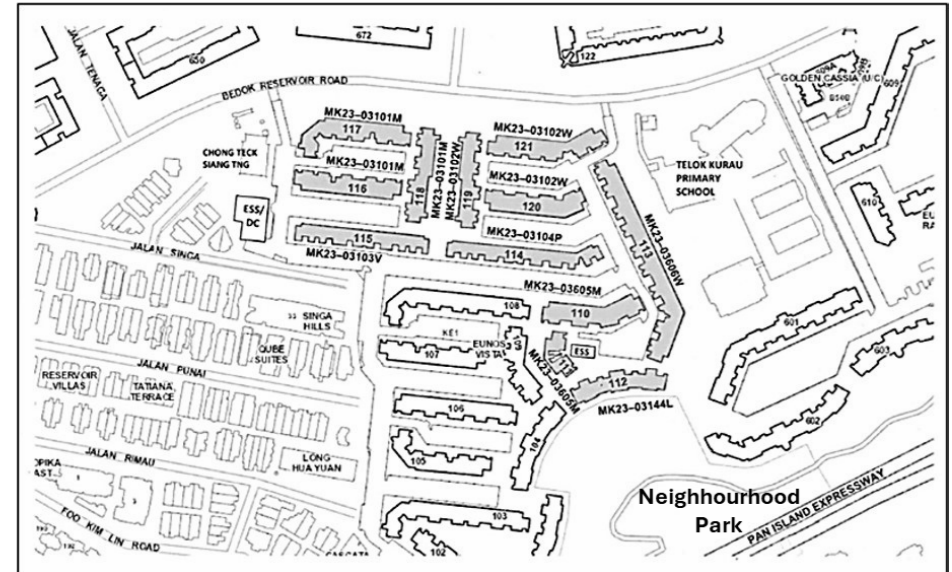
Fig. 1.1 for Question 1

Two neighbourhoods in Bedok New Town

Bedok North



Bedok Reservoir



public housing

private housing



roads

Fig. 1.2 for Question 1

A park in an urban neighbourhood in Singapore



[Turn Over

Fig. 1.3 for Question 1

Locations where students conducted their questionnaire survey



Table 1.1 for Question 1

Results of questionnaire survey on wellness of residents in Tampines

*screen time includes using electronic devices such as TVs, computers, iPads, mobile devices.

indicators age group (in years)	under 20	20 to 39	40 to 59	60 and above
exercise at least twice a week	90	84	58	13
eat a balanced diet	22	74	87	14
sleep for at least 8 hours a day	98	78	97	96
*screen time of more than 3 hours per day	94	83	33	11

[Turn Over

Fig. 2.2A for Question 2

Gross National Product (GNP) per capita of countries in Asia



Fig. 2.2B for Question 2

Tourist departures from countries in Asia



[Turn Over]

Fig. 2.3 for Question 2

Tourists participating in an ecotourism activity



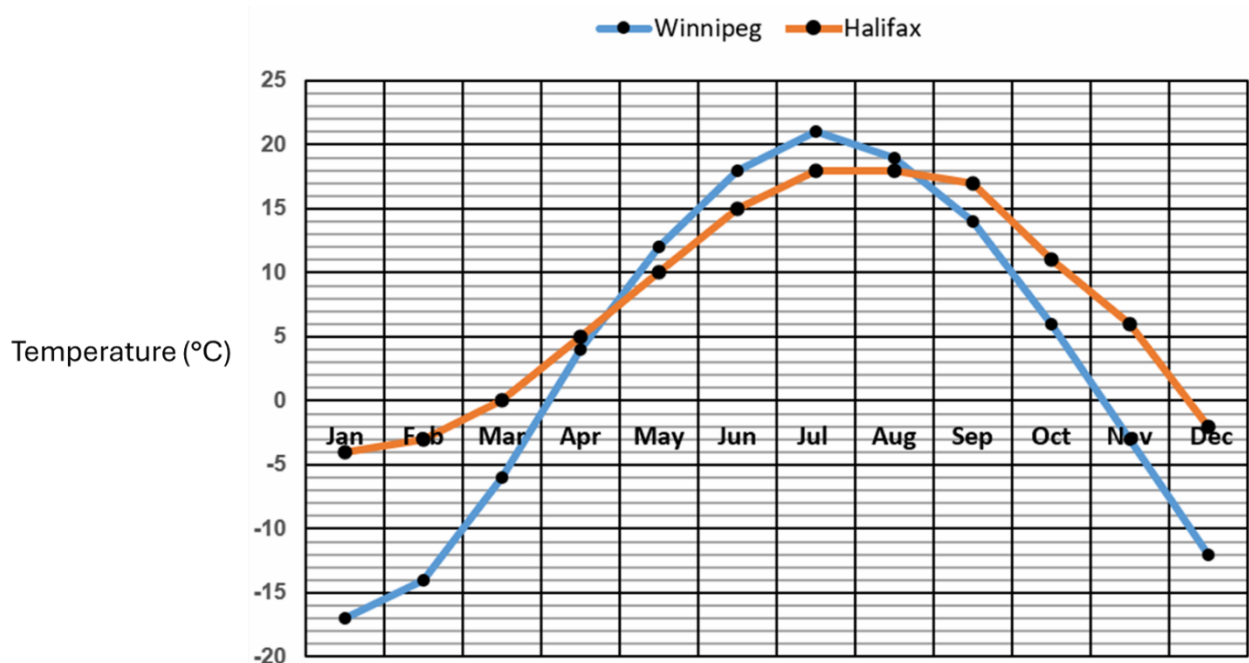
Fig. 3.1A for Question 3

Location of two cities, Winnipeg and Halifax in Canada



Fig. 3.1B for Question 3

Average temperature of the two cities



[Turn Over

Fig. 3.2 for Question 3

Aftermath of a cyclone on the southern coastal region of Bangladesh in 2016



Fig. 4.2A for Question 4

Map showing tectonic plates and plate boundaries

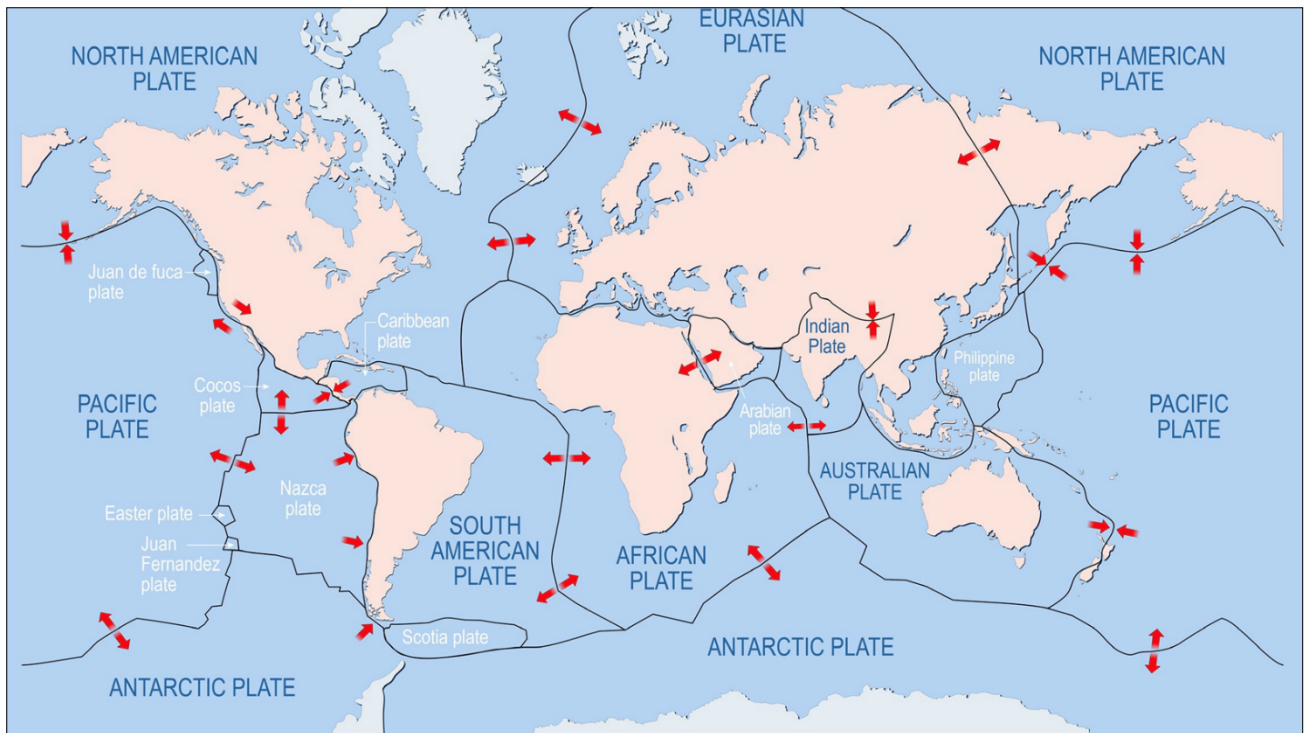
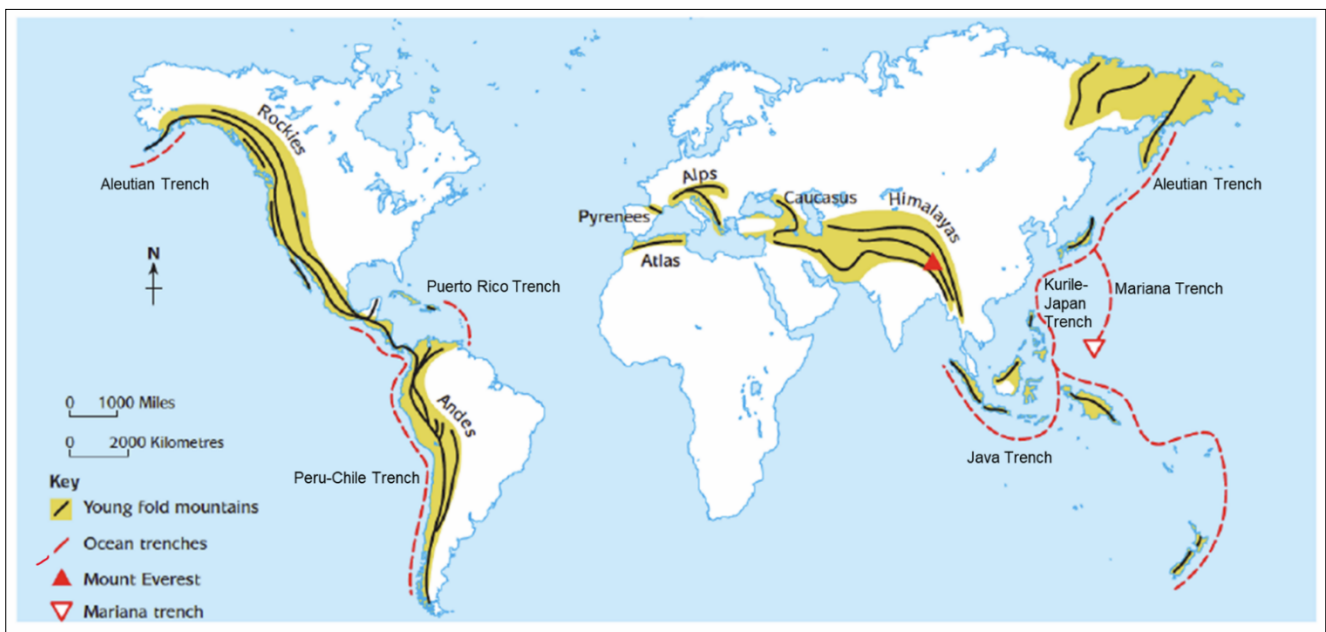


Fig. 4.2B for Question 4

Map showing the distribution of ocean trenches and fold mountains



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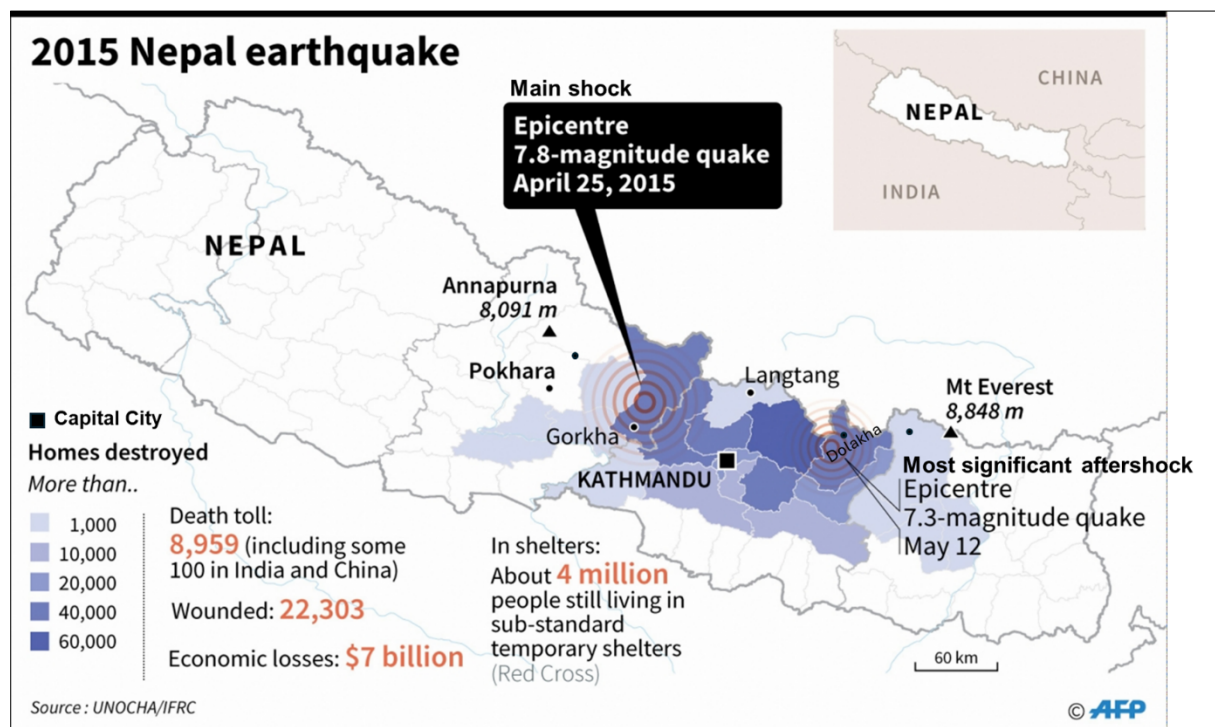
Fig. 4.3A for Question 4

Map showing the plate boundaries where Nepal is located



Fig. 4.3B for Question 4

Information about an earthquake which occurred in the country in 2015



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Question 1	Fig. 1.1	© https://sso.agc.gov.sg/SL-Supp/S333-2019/Published?DocDate=20190426&ProvIds=Sc-https://sso.agc.gov.sg/SL/HDA1959-S638-2019?ValidDate=20190923&ProvIds=Sc-
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Question 3	Fig. 3.2	© https://www.straitstimes.com/asia/south-asia/thousands-homeless-in-cyclone-hit-bangladesh
Question 4	Fig. 4.2A	© https://www.livescience.com/planet-earth/geology/how-many-tectonic-plates-does-earth-have
Question 4	Fig. 4.2B	© https://www.ccyd.co.uk/wp-content/uploads/2020/03/Tectonics-workbook-1.pdf

4

Question Fig. 4.3A © <https://bournepal.wordpress.com/wp-content/uploads/2015/09/2a-map.jpg>

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Question Fig. 4.3B © <https://sg.news.yahoo.com/beyond-repair-nepals-quake-hit-homes-await-bulldozers-063550961.html>

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