



CHRIST CHURCH SECONDARY SCHOOL
2026 PRELIMINARY EXAMINATION
SECONDARY FOUR EXPRESS / FIVE NORMAL
(ACADEMIC)

CANDIDATE
NAME

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CLASS

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INDEX
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HUMANITIES

Paper 2 Geography

2260/02

18 August 2026

1 hour 45 minutes

Additional Materials: Insert

READ THESE INSTRUCTIONS FIRST

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

Write in dark blue or black pen.

Do not use staples, paper clips, highlighters, 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

For Examiner's Use		
Section A [32m]	1 (14m)	
	2 (18m)	
Section B [18m]	3 / 4 (18m)	
	Total	

INFORMATION FOR CANDIDATES

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.

Section A (32 Marks)

Answer **Question 1** and **Question 2**

1 Cluster 1: Geography in Everyday Life

- (a)** Study Fig. 1.1 (Insert), which shows trees providing ecosystem services in an area.

Using Fig. 1.1, explain one role of trees in providing ecosystem services to the area.

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- (b)** Study Fig. 1.2 (Insert), which shows the area around Woodgrove Avenue in Woodlands, where a new Housing Development Board (HDB) project is planned to be constructed.

With reference to Fig. 1.2, explain how urban planning helps to achieve social sustainability for the residents living in the future HDB estate located at Woodgrove Avenue.

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- (c) Explain how disaster risk management can help residents reduce their vulnerability to fire hazards in Singapore housing estates.

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- (d) Describe how nature can impact humans negatively.

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- (e) A group of students investigated how the availability of the Automated External Defibrillator (AED) influenced the residents' readiness in using it to help people who experience cardiac arrest.

In the neighbourhood, AEDs can be found at the void deck of some housing blocks and they are used to deliver electrical shock to restore normal heartbeat during sudden cardiac arrest.

On a weekday from 1pm to 4pm, the students used a close-ended questionnaire survey to collect the views of residents staying at 4 housing blocks in a neighbourhood. At each block, they surveyed one resident from every unit on the 2nd, 5th, 8th and 11th floor (top floor). They measured the residents' readiness using a range of indicators. Respondents were asked to rate each readiness indicator using a score of 1 to 10, where 1 indicated a very low level and 10 indicated a very high level.

Study Table 1, which shows the average results of the questionnaire survey, and Fig. 1.3, which shows the locations of the AEDs in the neighbourhood.

Table 1

Responses from the questionnaire survey

	Housing blocks in the neighbourhood			
Readiness indicators	Block 536	Block 535	Block 534	Block 533
Awareness of an AED at the void deck	8.5	2.5	8	4
Knowledge of how to use an AED	3	3.5	5	2
Confidence in using an AED to help people with sudden cardiac arrest	2.5	3.5	4	3
Mean readiness level	4.7	3.2	5.7	3

Map of AEDs at the neighbourhood of Woodlands Vista

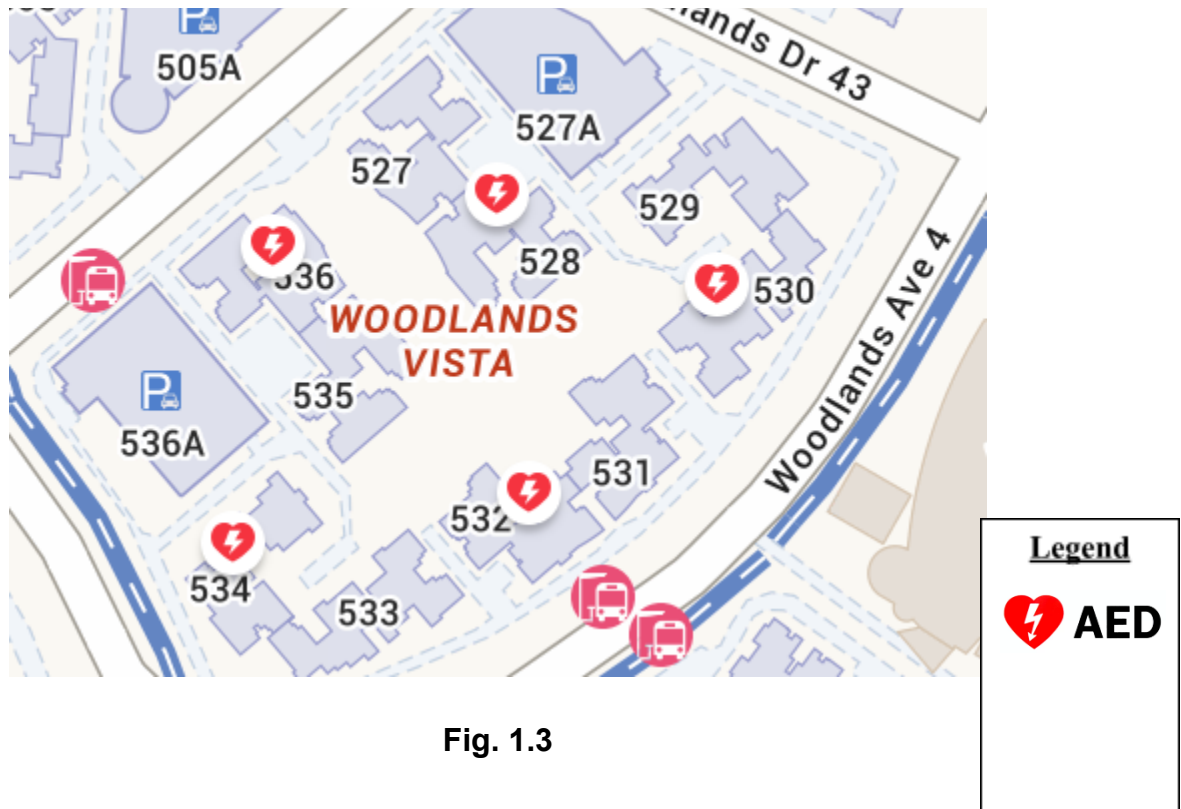


Fig. 1.3

The students concluded that residents staying in housing blocks where AEDs are available have a higher readiness level than those staying in housing blocks which do not have AEDs.

With reference to Fig. 1.3 and Table 1.1, evaluate the validity of the students' investigation.

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2 Cluster 2: Tourism

- (a) Study Fig. 2.1 which shows the changing pattern of world tourist arrivals in 1990 and 2013.

World Tourist Arrivals 1990 and 2013

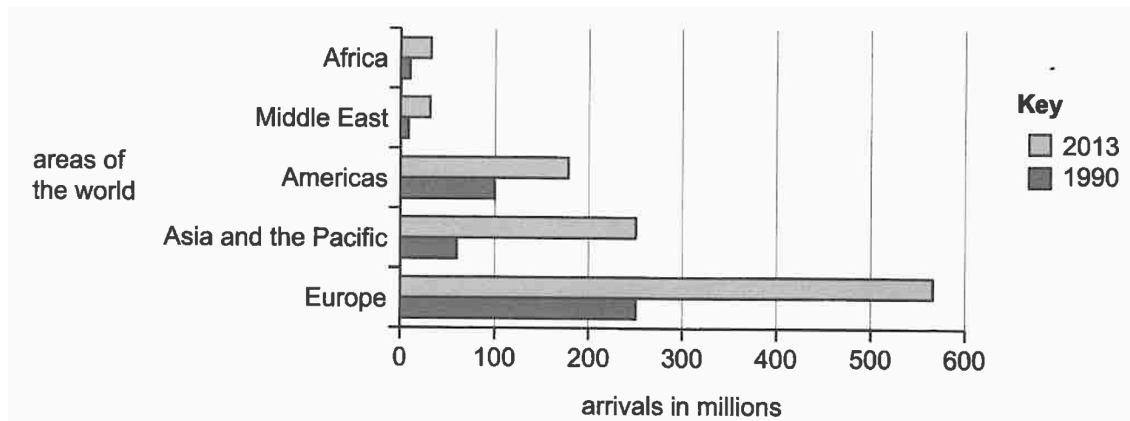


Fig 2.1

Describe the increases in world tourist arrivals among the regions shown in Fig. 2.1.

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(b) Explain the social impacts that tourism brings to destination regions.

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(c) Study Fig 2.2 (Insert) which shows an infographic about two tourist destinations.

With reference to Fig 2.2, classify the tourist destinations into the correct stages of the tourist destination development cycle.

Destination A:.....

Destination B: [2]

- (d) 'Pro-poor tourism is the most effective approach in achieving sustainable tourism development.'

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

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Section B (18 marks)

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

3 Cluster 3: Climate

(a) Study Fig. 3.1 (Insert), which shows the degree to which the Earth's surface temperature in 2020 have changed relative to the average temperature between 1951 and 1980.

(i) Using Fig. 3.1, describe the change in the Earth's surface temperature.

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(ii) With reference to Fig. 3.1, suggest reasons for the change in the Earth's surface temperature.

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(b) Study Fig. 3.1, which shows a climograph of City X.

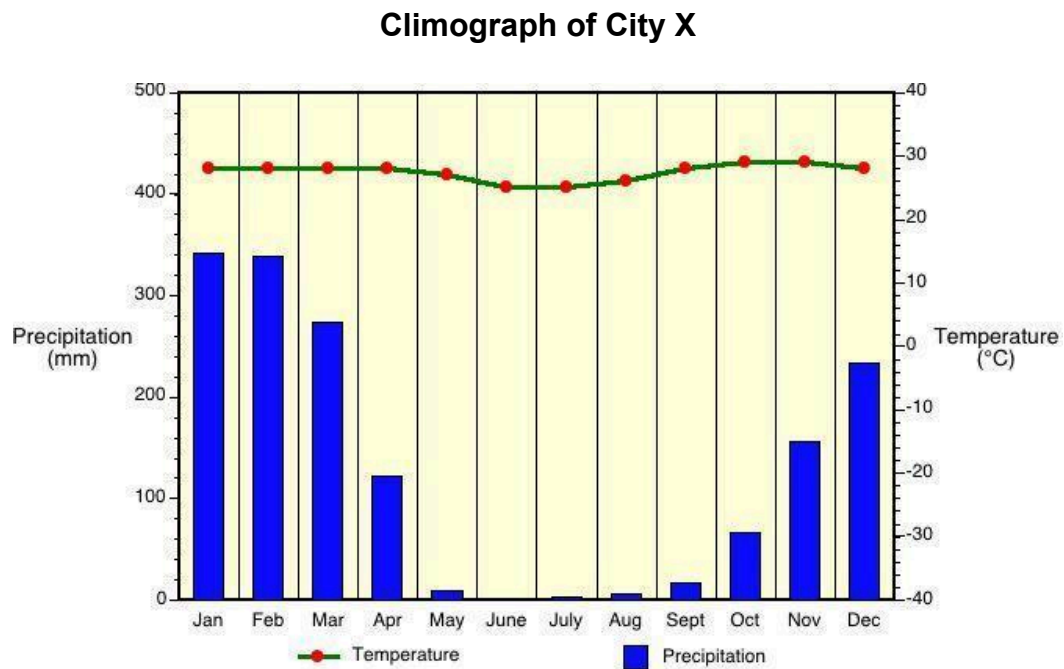


Fig. 3.1

Using Fig. 3.1, state evidence to show that City X experiences the tropical monsoon climate.

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Question 4 starts on Page 13.

4 Cluster 4: Tectonics

- (a)** Study Fig. 4.1(Insert) which shows the internal structure of the earth.

Using Fig. 4.1, compare the characteristics of the Earth's core and mantle.

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- (b)** Study Fig. 4.2 (Insert), which shows a map of the distribution of earthquakes in the world.

With reference to Fig. 4.2, describe the distribution of earthquakes in the world.

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- (c) Study Table 2, which shows information about earthquakes at different locations.

Table 2

Details of Earthquakes at Location A to D

Location	Time of earthquake	Magnitude of earthquake	Distance from epicenter	Duration of shaking	Number of deaths
A	02:30	7.8	5km	85 Sec	12000
B	14:15	7.9	35km	90 Sec	1450
C	09:45	5.2	10km	20 Sec	450
D	03:00	5.1	65km	18 Sec	95

Using Table 2, comment on the relationship between the different factors and the number of deaths caused by the earthquakes.

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- (d) Explain the formation of volcanic island arcs.

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- (e) Study Extract 1, which discusses volcanic hazards.

Extract 1

The hot pyroclastic flows burned through homes and infrastructure in their path, while also destroying huge areas of forests, resulting in biodiversity loss. Thick layers of ash covered the path of the flows, polluting large areas of forests. Subsequently, intense rainfall caused rainwater to mix with the ash deposits left behind by the pyroclastic flows, forming lahars. These lahars followed river valleys, blocking roads and destroying bridges. The lahars also polluted rivers, killing aquatic life, and covered forests with thick mud which hardened like concrete.

With reference to Extract 1, describe the impacts of volcanic hazards on human systems.

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- (f) Evaluate the effectiveness of search and rescue as a strategy to manage tectonic disasters.

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Additional Pages

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Additional Pages

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End of Paper