

Preliminary Examinations 2025 Secondary Four Express

CANDIDATE NAME:

CLASS:

INDEX NUMBER:

GEOGRAPHY

2279/02

Paper 2

01 September 2025

1 hour 45 minutes

0800 - 0945

Additional Materials: Insert

READ THESE INSTRUCTIONS FIRST

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

Write in dark blue or black pen.

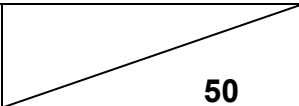
You may use an HB pencil for any diagrams or graphs.

Do not use staples, paper clips, glue or correction fluid/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.

Total Marks	 50
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1 Cluster 1: Geography in Everyday Life

(a) Study Fig. 1.1 (Insert), which shows a map of existing and new developments in and around Bedok.

(i) Using Fig 1.1, describe how two sets of spatial associations in and around Bedok can help enhance the everyday life of residents.

[4]

(ii) With reference to Fig. 1.1, explain how the new developments can help the neighbourhoods in and around Bedok to achieve economic and social sustainability.

[4]

- (b)** Study Fig. 1.2, which shows a volunteer taking visitors on a tour of the Botanic Gardens in Singapore, and Fig. 1.3, which shows people tending to an edible garden at Jurong Lake Gardens.

Volunteer taking visitors on a tour of the Botanic Gardens



Fig. 1.2

People tending to an edible garden at Jurong Lake Gardens



Fig. 1.3

With reference to Figs. 1.2 and 1.3, describe how urban parks in Singapore may provide ecosystem services to local communities.

[3]

(c) Using an example, explain how the strengthening of relationships among residents can help to manage the risk of disasters in neighbourhoods.

[4]

[Total: 15 marks]

2 Cluster 4: Tectonics

- (a)** Study Fig. 2.1, (Insert), which is a map showing the epicentre of a 2016 earthquake off the coast of Sumatra, Indonesia.

- (i) With reference to Fig. 2.1, explain how the earthquake may have occurred.

[4]

- (ii) The earthquake, measuring 7.8M_w, struck on 2 March 2016 at 11.00pm. It was expected to affect places such as Padang (population 833,562) and Aceh (population 5.5 million).

Using Fig. 2.1 and the given information, compare factors that may affect the disaster risks faced by places such as Padang & Aceh due to the earthquake.

[illegible]

- (b) Study Fig. 2.2, which shows a volcano safety poster by the University of the West Indies Seismic Research Centre (UWI SRC). The UWI SRC monitors earthquakes, volcanoes and tsunamis in the English-speaking Eastern Caribbean.

Volcano safety poster by the UWI-SRC

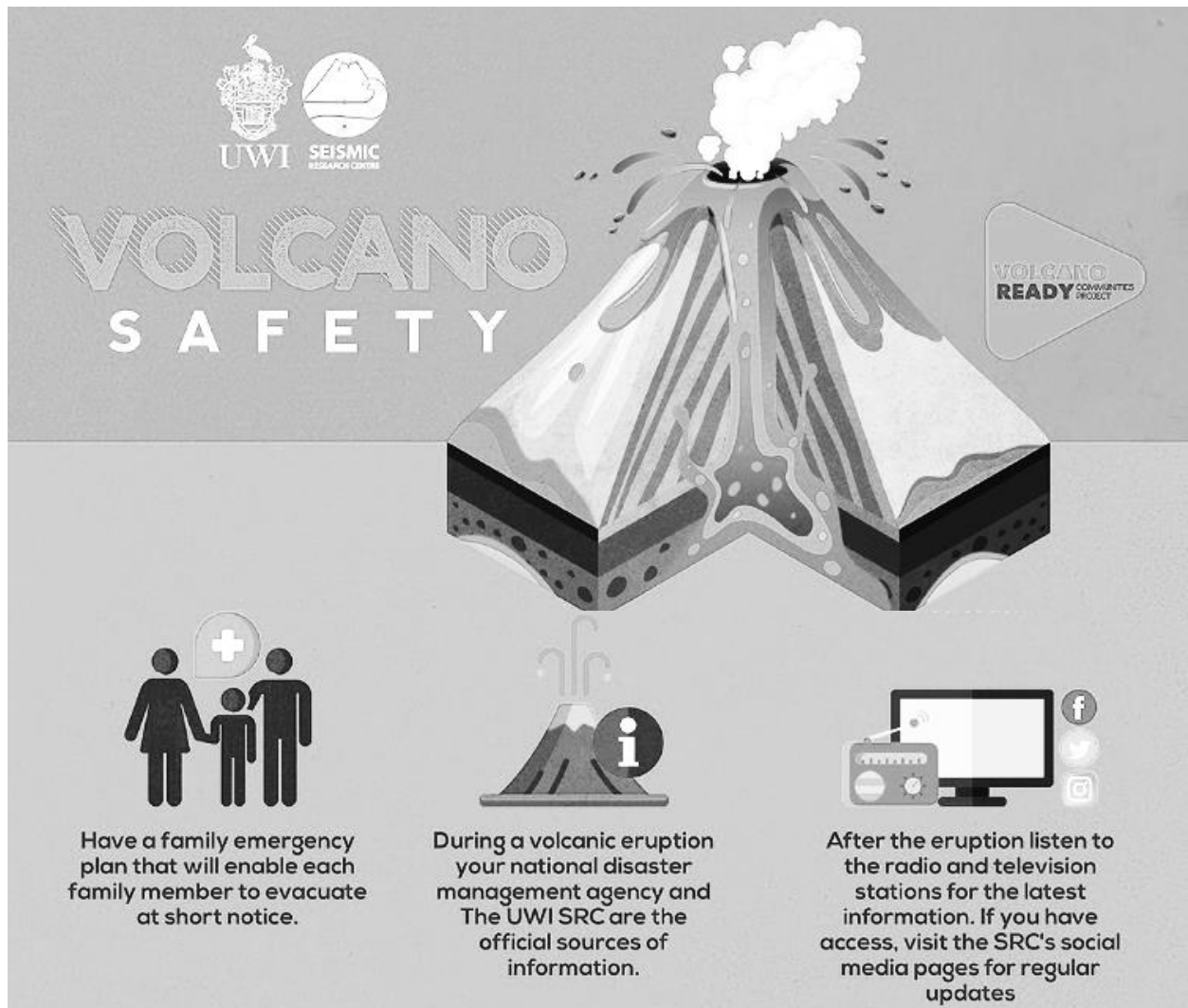


Fig. 2.2

With reference to Fig. 2.2, evaluate the disaster management strategies shown.

[6]

[Total: 15 marks]

3 Cluster 5: Singapore

(a) Study Fig. 3.1 (Insert), which shows local production figures for selected food products, 2021-2023, and Fig. 3.2 (Insert), which shows information about Apollo Aquaculture's fish farms in Singapore and Brunei.

(i) Describe the changes in food production from 2021 to 2023.

[3]

(ii) With reference to Figs. 3.1 and 3.2, explain how Singapore builds resilience in food security.

[4]

(b) Describe two challenges to Singapore that may arise from climate change.

[illegible]

[Total: 20 marks]

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.

[illegible]

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.

[illegible]

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Acknowledgements:

- Fig. 1.1 Adapted from <https://www.ura.gov.sg/-/media/Corporate/Planning/DMP19/Regional-Resources/East-Flyers/Bedok.pdf>
- Fig. 1.2 <https://www.nparks.gov.sg/images/default-source/events/sbg/sbg-edu/june-2024/june-prog-photo.jpg>
- Fig. 1.3 <https://www.nparks.gov.sg/get-involved/volunteer/volunteer-with-us>
- Fig. 2.1 Adapted from <https://www.scmp.com/news/asia/article/1919972/indonesia-issues-tsunami-warning-after-massive-79-magnitude-quake-sumatra>
- Fig. 2.2 Adapted from <https://www.instagram.com/uwiseismic/p/C640O2thpmB/>
- Fig. 3.1 Adapted from <https://www.sfa.gov.sg/docs/default-source/publication/sg-food-statistics/singapore-food-statistics-2023.pdf>
- Fig. 3.2 Adapted from https://static1.straitstimes.com.sg/s3fs-public/attachments/2017/02/14/ST_20170214_APOLLO14A_2939849.pdf
- Fig. 3.3 Adapted from <https://www.businesstimes.com.sg/singapore/singapore-airlines-operate-out-changi-airports-terminal-5-internal-train-cover-2-km-distance> and https://www.instagram.com/p/DJoQT4fSboW/?img_index=2
- Fig. 3.4 <https://roadgenius.com/statistics/tourism/singapore/>