



MINISTRY OF EDUCATION, SINGAPORE
 in collaboration with
 CAMBRIDGE ASSESSMENT INTERNATIONAL EDUCATION
 General Certificate of Education Ordinary Level

CANDIDATE
 NAME

CENTRE
 NUMBER

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INDEX
 NUMBER

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GEOGRAPHY

2279/02

Paper 2

For examination from 2024

SPECIMEN PAPER

1 hour 45 minutes

Candidates answer on the Question Paper.

Additional Materials: Insert



READ THESE INSTRUCTIONS FIRST

Write your Centre number, index number and name 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.
DO NOT WRITE ON ANY BARCODES.

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 **13** printed pages, **1** blank page and **1** Insert.



Singapore Examinations and Assessment Board



Cambridge Assessment
 International Education

Answer **all** questions.

1 Cluster 1: Geography in Everyday Life

- (a) The high cost of the 2016 Rio Olympics caused controversy, due to the following:
- estimated total cost by 2018 was US\$ 20 billion
 - around 77 000 people were evicted from their homes, mainly people living in poor areas of the city
 - about 1.2 million people still live in poor settlements on less than US\$1 per day in Rio de Janeiro.

Study Fig. 1.1 (Insert), which shows residents in a poor neighbourhood watching fireworks during the closing ceremony of the Rio Olympic Games in Brazil.

With reference to Fig. 1.1, suggest why events at the Rio Olympic Games could affect the residents' sense of place.

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(b) Study Fig. 1.2, which shows causes and impacts of house fires in England.

Information on selected causes and impacts of house fires in England

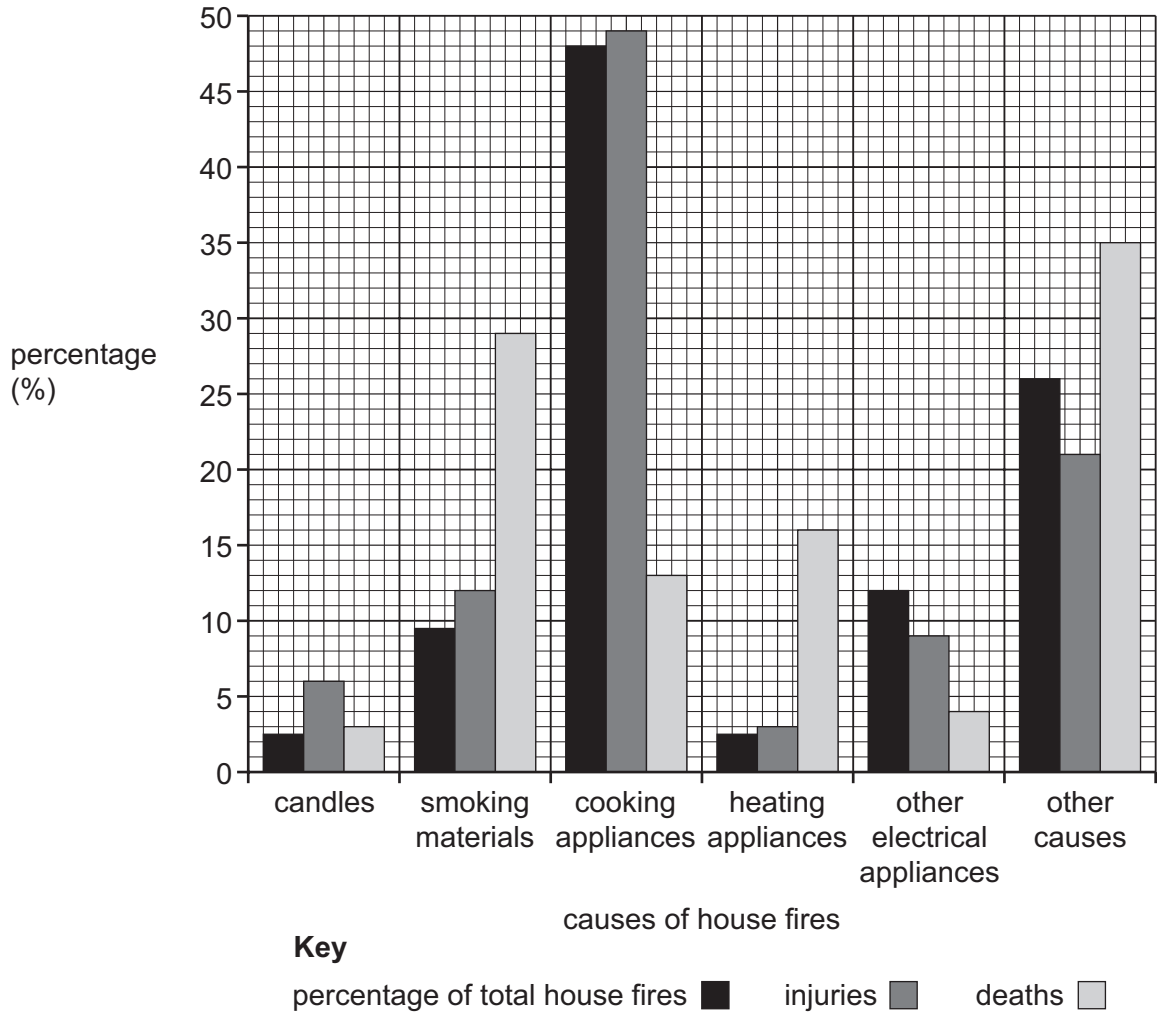


Fig. 1.2

(i) Using Fig. 1.2, compare the causes and impacts of house fires in England.

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(ii) Explain how managing disaster risk could reduce the impact of house fires.

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(c) Study Fig. 1.3 (Insert), which shows a rooftop garden in Rotterdam, the Netherlands.

With reference to Fig. 1.3, explain how rooftop gardens may provide ecosystem services for a neighbourhood.

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[Total: 15]

2 Cluster 4: Tectonics

(a) Study Fig. 2.1, which shows evidence for seafloor spreading.

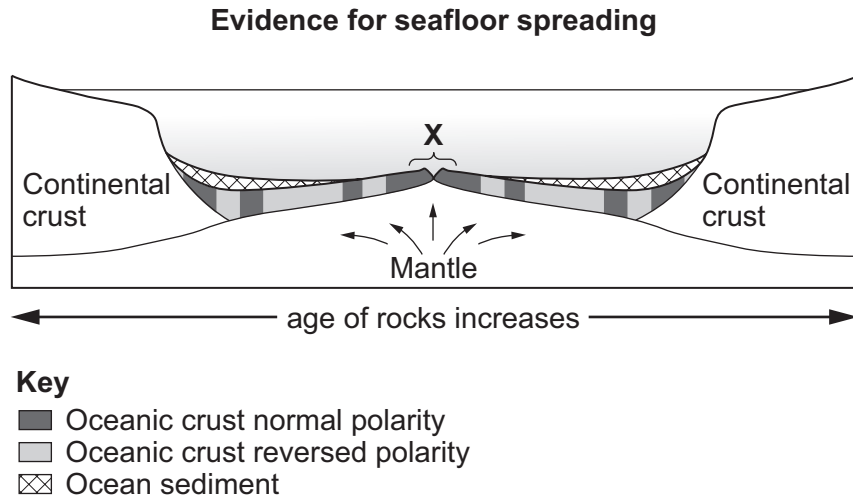


Fig. 2.1

(i) Identify the landform marked **X** shown in Fig. 2.1.
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(ii) With reference to Fig. 2.1, describe the evidence for seafloor spreading.
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- (b) Study Figs. 2.2A and 2.2B (Insert), which show the number of people left homeless and injured as a result of earthquakes between 1960 and 2019.

Using Figs. 2.2A and 2.2B, compare the number of people left homeless and the number of people injured as a result of earthquakes between 1960 and 2019.

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- (c) Mount Agung is an active volcano located in Bali, Indonesia. Study Fig. 2.3 (Insert), which shows the eruption of Mount Agung and Fig. 2.4 (Insert), which shows rice paddies in front of Mount Agung.

With reference to Figs. 2.3 and 2.4, evaluate the decision to live near volcanoes.

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[Total: 15]

Question 3 starts on page 8.

3 Cluster 5: Singapore

(a) Study Fig. 3.1 (Insert), which shows a green hotel and office building in Singapore.

Sketch the hotel and office building as shown in Fig. 3.1. Annotate the sketch to show the purpose of **two** features of the green buildings.



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(b) Explain **two** ways in which projected impacts of climate change may affect Singapore.

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(c) Study Fig. 3.2 (Insert), which shows information on NEWater and desalination in Singapore, and Fig. 3.3 (Insert), which shows Singapore’s 2030 water consumption target.

(i) Using Fig. 3.2, describe the distribution of NEWater and desalination plants in Singapore.

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(ii) With reference to Figs. 3.2 and 3.3, explain how Singapore’s vulnerability to water insecurities could be managed.

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- (iii) With reference to Figs. 3.2 and 3.3, evaluate Singapore’s efforts in building water resilience.

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Copyright Acknowledgements:

- Question 1 Fig. 1.1 © Ref: 2EWGAJG; Sipa US / Alamy Stock Photo; *RIO DE JANEIRO, Aug. 7, 2016 (Xinhua) -- People watch fireworks exploding over the Maracana stadium in Mangueira favela during the opening ceremony of the Rio 2016 Olympic Games in Rio de Janeiro, Brazil, Aug. 5, 2016; www.alamy.com*
- Question 1 Fig. 1.2 © Detailed analysis of fires attended by fire and rescue services in England. April 2019 to March 2020. UK Home Office. National Statistics; <https://www.gov.uk/government/statistics/detailed-analysis-of-fires-attended-by-fire-and-rescue-services-england-april-2019-to-march-2020/detailed-analysis-of-fires-attended-by-fire-and-rescue-services-england-april-2019-to-march-2020>; Open Government Licence v3.0 <https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/>
- Question 1 Fig. 1.3 © Ref: TRDHEB; Frans Blok / Alamy Stock Photo; *Rotterdam, The Netherlands, June 2, 2019: aerial view of the Dakakker, or Rooftop Field, urban agriculture on the roof of an office building from the 1960's; www.alamy.com*
- Question 2 Fig. 2.2A © <https://ourworldindata.org/natural-disasters>
- Question 2 Fig. 2.2B © <https://ourworldindata.org/natural-disasters>
- Question 2 Fig. 2.3 © Ref: 2CPE4BT; REUTERS / Alamy Stock Photo; *Mount Agung volcano can be seen erupting from Amed in Karangasem Regency, Bali, Indonesia June 29, 2018; www.alamy.com*
- Question 2 Fig. 2.4 © Ref: DDXTTD; Michele Falzone / Alamy Stock Photo; *Indonesia, Bali, Sidemen Valley, Rice Fields and Gunung Agung Volcano; www.alamy.com*
- Question 3 Fig. 3.1 © *Parkroyal on Pickering; https://chinatown.sg/stay/parkroyal-on-pickering/*
- Question 3 Fig. 3.2 © <https://www.pub.gov.sg/watersupply/fournationaltaps>
- Question 3 Fig. 3.2 © <https://www.gov.sg/features/every-drop-counts>
- Question 3 Fig. 3.3 © <https://www.pub.gov.sg/savewater>

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