



**ST JOSEPH'S INSTITUTION
PRELIMINARY EXAMINATION 2026
(YEAR 4)**

CANDIDATE
NAME

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CLASS

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INDEX
NUMBER

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GEOGRAPHY

Paper 2

2279/02

31 August 2026

Candidates answer on the Question Paper.

**1 hour 45 minutes
(10:05 – 11:50)**

Additional Materials: Insert

READ THESE INSTRUCTIONS FIRST

Write your name, index number and class 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 **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.

For Examiner's Use	
Question 1	15
Question 2	15
Question 3	20
Total	50

Answer **all** questions.

1 Cluster 1: Geography in Everyday Life

- (a) Study Fig. 1.1 (Insert), which shows the map of Punggol in the northeast region of Singapore.

Using Fig. 1.1, explain why Punggol can be considered a region.

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- (b) Describe how a Town Council is a sphere of influence in a neighbourhood.

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(c) Study Fig. 1.2 (Insert), which shows a landscaped waterway in Punggol.

(i) Using Fig. 1.2, explain how the features provide both regulating and cultural ecosystem services to residents in the neighbourhood.

[4]

(ii) Suggest **one** way residents in Punggol can act as environmental stewards to contribute to the sustainability of the neighbourhood.

[2]

- (d) Study Fig. 1.3 (Insert), which shows a publicity poster for the Responders Plus Programme (RPP).

With reference to Fig. 1.3, assess the effectiveness of such programmes in reducing the impacts of disasters on neighbourhoods.

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..... [4]

[Total: 15]

2 Cluster 4: Tectonics

(a) Study Fig. 2.1, which shows magnetic striping on the seafloor.

Magnetic striping on the seafloor

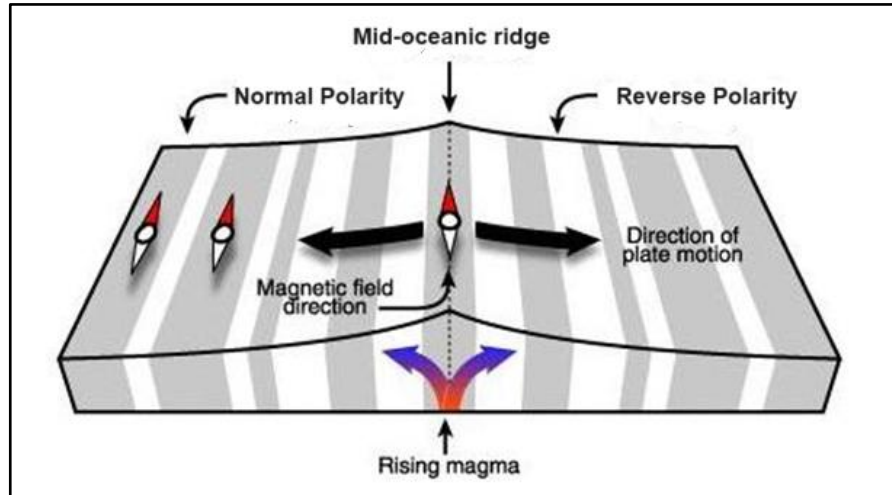


Fig. 2.1

With reference to Fig. 2.1, explain how magnetic striping provides evidence for the plate tectonic theory.

..... [4]

- (b) (i) Study Fig. 2.2 (Insert), which shows an area affected by a tsunami.

With reference to Fig. 2.2, describe **one** impact of tsunamis.

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- (ii) Study Fig. 2.3 (Insert), which shows a tsunami advisory for the Marianas following an earthquake that occurred in Mindanao, Philippines.

With reference to Fig. 2.3, evaluate the effectiveness of the advisory in reducing the vulnerability of local communities to tsunamis.

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- (c) Study Table 2.1, which shows information on five earthquakes.

Table 2.1

Information on five earthquakes

Event	Magnitude	Death Toll	Building Standards
Haiti (2010)	7.0	230,000	Low
Chile (2010)	8.8	525	High
Japan (2011)	9.0	19,700	High
Nepal (2015)	7.8	8964	Moderate
Myanmar (2025)	7.7	5,400	Low

- (i) Using Table 2.1, describe the relationship between earthquake magnitude and death toll.

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- (ii) With reference to Table 2.1, explain why earthquake magnitude does not necessarily determine the level of risk posed by tectonic hazards.

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[Total: 15]

3 Cluster 5: Singapore

- (a) Study Fig. 3.1 (Insert), which shows the map of natural hazards threatening Southeast Asia.

With reference to Fig. 3.1, to what extent is Singapore affected by tectonic hazards in the region?

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2 in 3 S'pore businesses hit by Middle East conflict; SMEs most affected: Poll

The survey also found that businesses were taking steps to adapt.

With reference to Fig. 3.2, explain how global disruptions have increased economic vulnerability of Singapore.

..... [3]

- (c) (i) Study Fig. 3.3 (Insert), which shows an office building in Fusionpolis North, Singapore.

Sketch the landscape shown in Fig. 3.3. Annotate the sketch to show **two** features of sustainable development practised in Singapore. [3]



- (ii) Describe **one** challenge that Singapore might face in its efforts to achieve sustainable development in the future.

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- (d)** Study Figs. 3.4 and 3.5 (Insert), which show Singapore's strategies in building a resilient nation.

‘Adaptability is the most important factor contributing to Singapore's resilience.’

With reference to Figs. 3.4 and 3.5, how far do you agree with this statement? Explain your answer.

This image shows a full page of white paper with horizontal dotted lines, typical of primary school writing paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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Additional Page

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