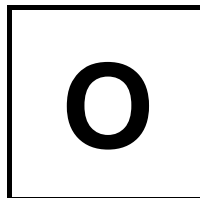




**NAVAL BASE SECONDARY SCHOOL
PRELIMINARY EXAMINATION 2025**



Name _____ () Class _____

Humanities (Geography Elective)

2260/02

Paper: 2

27 August 2025

Setter: Mr Loo Wen Bin & Ms Huang Peishi

Additional Materials: Insert

1 hour 45 minutes

READ THESE INSTRUCTIONS FIRST

Write your name, class and index number on the cover page.

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 **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 Examiner's Use
50
Parent's/Guardian's Signature

This paper consists of **20** printed pages and **1** Insert.

[Turn over

Section A

Answer Question 1 and Question 2

1 Cluster 1: Geography in Everyday Life

Study Fig. 1.1 (Insert), which shows a map of the Pasir Ris Heritage Trail in Singapore. The Pasir Ris Heritage Trail was launched in 2019 as part of the government's effort to make heritage more accessible within urban neighbourhoods in Singapore.

- (a) Using Fig. 1.1, describe the similarities and differences between the 'Play @ Pasir Ris' and "Architectural Highlights" trails.

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..... [4]

Commented [NBM1]: Suggestion - "to make heritage more accessible within urban neighbourhoods" instead of "accessible to urban neighbourhoods".

Commented [LWB2R1]: changed

- (b) The “Coastal Heritage” trail brings visitors and residents across some of the sites of cultural and community significance along the Pasir Ris coast and beachfront.

Describe the benefits for residents to interact with community spaces and the natural environment in an urban neighbourhood.

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Commented [LWB3]: The “Coastal Heritage” trail brings visitors and residents across some of the sites of natural and ecological significance along the Pasir Ris coast and beachfront.

Describe the benefits for residents to interact with the natural environment in an urban neighbourhood.

- (c) A group of students carried out a fieldwork investigation to explore how residents of different age groups perceive the cultural value of the Pasir Ris Heritage Trail. They surveyed two groups of residents using a quota sampling method. Data was collected through a closed-ended questionnaire survey conducted over a Saturday afternoon, 2–6pm, at two different locations. Table 1.1 shows more details of their investigation.

Table 1.1

Details of fieldwork investigation

Target Group	Number of respondents	Site of survey (see Fig. 1.1, Insert)
Elderly, aged 60 and above	20	Near Pasir Ris Central Hawker Centre
Youths, aged 15 to 25	20	Downtown East

The questionnaire (Fig. 1.2) included questions on different aspects of perceived cultural meaningfulness, motivations for visiting the trail, and frequency of engagement with trail sites. Some findings are found in Tables 1.2 and 1.3.

Parts of the questionnaire survey used by the students

2) What is your main reason for visiting the Heritage Trail? Choose one only.

Reminisce about the past	Learn more about heritage	Photography/ social media	Relaxation/ recreation
☐	☐	☐	☐

...

4) On a scale of 1 to 5, where 5 is the most meaningful, how would you rate the cultural meaningfulness of the following statements regarding Pasir Ris Heritage Trail?

	1	2	3	4	5
The Trail helps me understand Pasir Ris history.	☐	☐	☐	☐	☐
The Trail makes me feel proud of my neighbourhood.	☐	☐	☐	☐	☐
The Trail encourages intergenerational bonding.	☐	☐	☐	☐	☐
The Trail represents my personal identity.	☐	☐	☐	☐	☐

Fig. 1.2

Commented [NBM4]: Across two different zones --> at two different locations?

Commented [LWB5R4]: changed

Table 1.2

Main Reasons for Visiting the Trail

Main Reason	Elderly (%)	Youths (%)
To reminisce about the past	50%	10%
To learn more about heritage	30%	30%
For photography/social media	0%	40%
For relaxation/recreation	20%	20%

Table 1.3

Cultural Perceptions of Pasir Ris Heritage Trail

Aspect of Cultural Meaningfulness	Elderly (60+)	Youths (15–25)
Helps me understand Pasir Ris history	4.7	3.2
Makes me feel proud of my neighbourhood	4.5	2.9
Encourages intergenerational bonding	4.6	3.0
Represents my personal identity	4.3	2.7

Commented [NBM6]: If students are fast enough, they can use the points here for the earlier questions.

- (i) Using Tables 1.2 and 1.3, evaluate the extent to which perceptions of the Pasir Ris Heritage Trail are influenced by age.

[4]

- (ii) Evaluate the reliability of the students' data collection method.

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(a) Costa Rica, a Central American nation renowned for its rich biodiversity, has emerged as a global leader in ecotourism.

Changes in tourist arrivals and tourism receipts of Costa Rica

The chart displays two data series over a 25-year period from 1995 to 2019. The left Y-axis represents Tourist Arrivals in thousands, ranging from 0 to 3500. The right Y-axis represents Tourism Receipts in millions of USD, ranging from 0 to 4500. The X-axis shows the years from 1995 to 2019. Tourist Arrivals are shown as a solid black line, and Tourism Receipts are shown as a dashed grey line. Both metrics show a general upward trend, with a significant dip in arrivals around 2009. The chart also includes a light grey shaded area representing the confidence interval for the data.

Year	Tourist Arrivals (thousands)	Tourism Receipts (millions, in USD)
1995	800	600
1996	800	650
1997	800	700
1998	900	800
1999	1000	900
2000	1100	1200
2001	1100	1100
2002	1100	1100
2003	1200	1200
2004	1300	1300
2005	1600	1500
2006	1700	1600
2007	1900	1900
2008	2100	2100
2009	1900	1700
2010	2100	1800
2011	2200	2000
2012	2300	2100
2013	2400	2400
2014	2500	2400
2015	2600	2600
2016	2900	2900
2017	2900	2900
2018	3000	3200
2019	3100	4200

(i) With reference to Figs. 2.1 and 2.2, explain why Costa Rica's ecotourism industry was at the "Consolidation" stage in 2019.

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- (ii) With reference to Fig. 2.2, explain which ecotourism option in Costa Rica would most likely appeal to a Dependable-type tourist.

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- (iii) Explain one way in which ecotourism can have a positive economic **or** social impact on Costa Rica.

Choice of impact:

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- (iv) Explain **two** possible limitations of ecotourism.

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Commented [NBM7]: Suggestion: "...explain which ecotourism option in Costa Rica would most likely appeal to a Dependable-type tourist".

Commented [LWB8R7]: changed

(b) 'The local community should be the main stakeholder ensuring sustainable tourism at a travel destination.'

To what extent do you consider this statement to be true? Explain your answer.

This image shows a full page of a document template designed for handwriting practice or general note-taking. It consists of approximately 28 evenly spaced horizontal dotted lines across the entire width of the page. There are no margins, headers, footers, or other markings present.

. [9]

Section B

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

3 Cluster 3: Climate

- (a) Study Fig. 3.1 (Insert), which shows the monsoon wind system between Asia and Australia in January.

- (i) With reference to Fig. 3.1, explain the direction of the monsoon wind system in January.

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- (ii) Describe the temperature and rainfall characteristics of a place with tropical monsoon climate.

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(c) Study Fig. 3.2 (Insert), which shows the change in geographical concentration of two species of fish, bluefin tuna and shortfin mako, in northwest Atlantic Ocean over 30 years.

Effect of shape of Earth's orbit on Earth's climate

Using Table 3.1, explain how the changes to the shape of Earth's orbit affect Earth's climate.

With reference to Fig. 3.2, explain the changes in geographical concentration of the bluefin tuna and shortfin mako in northwest Atlantic Ocean.

..... [4]

- (d) (i) Climate change leads to direct impacts on human systems through intensifying extreme weather events.

Explain how climate change intensifies **either** flooding **or** droughts.

Choice of extreme weather event:

 [2]

- (d) (ii) Climate change also leads to indirect impacts on human systems by affecting regulating ecosystem services and cultural ecosystem services.

Explain how climate change affects **either** regulating ecosystem services **or** cultural ecosystem services.

Choice of ecosystem service:

 [2]

- (b) Describe slab-pull force and its influence on plate movement.

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- (c) Study Fig. 4.2 (Insert), which shows Anak Krakatoa erupting in 2018. Anak Krakatoa is a volcanic island in Indonesia.

Using Fig. 4.2, explain the type of volcano that Anak Krakatoa is likely to be from its eruption.

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Commented [NBM9]: Will describe be a more suitable command word in this case because no explanation is required? It's more of a descriptive question based on what students observed from Fig. 4.3?

Key

- 100 — contours at 50m intervals
- rock face
- crater
- lava flow
- forest
- beach

Not to scale

Fig. 4.3

With reference to Fig. 4.3, explain the shape and characteristics of Anak Krakatoa.

[4]

- (e) Earthquakes affect the natural and human systems through hazards like soil liquefaction.

Explain how soil liquefaction affects **either** the natural **or** human system.

Choice of system:

 [2]

- (f) The extent of tectonic disaster risk experienced in a place is determined by factors like vulnerable conditions or exposure.

Explain how the extent of tectonic disaster risk experienced in a place can be determined by **either** vulnerable conditions **or** exposure.

Choice of factor:

 [2]

END OF PAPER

Acknowledgements

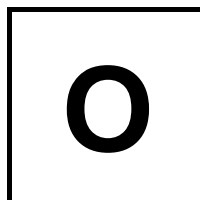
Fig. 1.1	https://www.straitstimes.com/singapore/pasir-ris-trail-opens-as-part-of-national-heritage-board-move-to-bring-heritage-to-the
Fig. 2.1	https://www.worlddata.info/america/costa-rica/tourism.php
Fig. 2.2	https://www.darnoldhiking.com/costa-rica.html
Fig. 3.1	https://www.researchgate.net/figure/The-formation-of-a-the-northeast-monsoon-and-b-the-southwest-monsoon-winds-in-Malaysia_fig2_358899024
Fig. 3.2	https://www.researchgate.net/figure/The-impacts-of-climate-change-are-already-substantial-for-some-species-Bluefin-tuna-and_fig5_373017861
Fig. 4.1	https://studyhub.net.in/Geography/sea-floor-spreading/
Fig. 4.2	https://www.chinadailyhk.com/hk/article/322928
Fig. 4.3	2016 Full Geography Paper 2 Q2(a)

[illegible]

[illegible]



**NAVAL BASE SECONDARY SCHOOL
PRELIMINARY EXAMINATION 2025**



Name _____ () **Class** _____

Humanities (Geography Elective)

2260/2

Paper: 2

27 August 2025

INSERT

1 hour 45 minutes

READ THESE INSTRUCTIONS FIRST

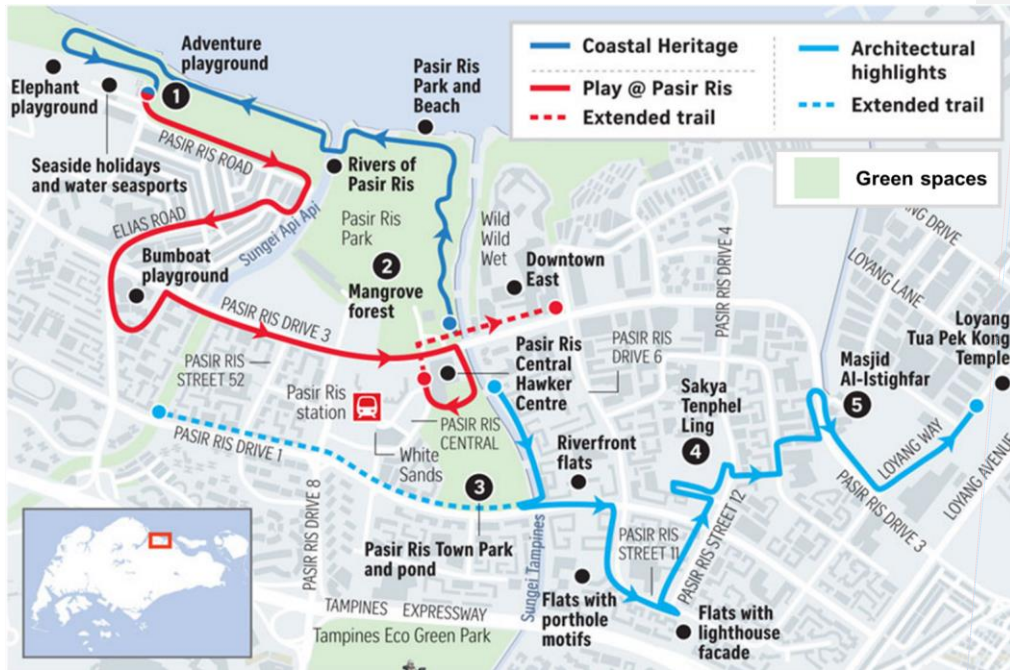
This Insert contains additional resources referred to in the questions.

This Insert consists of **5** printed pages and **1** blank page.

[Turn over

Fig. 1.1 for Question 1

Paris Ris Heritage Trail in Singapore



Commented [NBM1]: Is there a need to show what a porthole motifs look like? Maybe include an image to show how it looks like.

Commented [HP2R1]: Its ok. Wont affect understanding. They literally lift to describe trail

Some key sites in Pasir Ris Heritage Trail (numbered in map above)

No.	Key site in trail	Description
1	Adventure Playground	Most popular site for children in Paris Ris Park
2	Mangrove Forest	Replanted along nearby housing estates
3	Pasir Ris Town Park	Singapore's only commercial saltwater fishing pond, sustaining Pasir Ris's fishing culture
4	Sakya Tenphel Ling	One of the first Tibetan Buddhist temples in Southeast Asia
5	Masjid Al-Istighfar	One of the few mosques that opens 24 hours in Singapore

Fig. 2.2 for Question 2

A range of ecotourism options offered in Costa Rica in 2019



Multi-day trek in Corcovado National Park



Farming experience at at Finca Luna Nueva Lodge



Staying at the Arenal Springs Resort & Spa

**Hard ecotourism**Physically more active
and challenging

Smaller groups

Specialised trips

Self-planned

Soft ecotourismPhysically more passive
and comfortable

Larger groups

Multi-purpose trips

Planned by tour
operators

Fig. 3.1 for Question 3(a)

Monsoon wind system between Asia and Australia in January

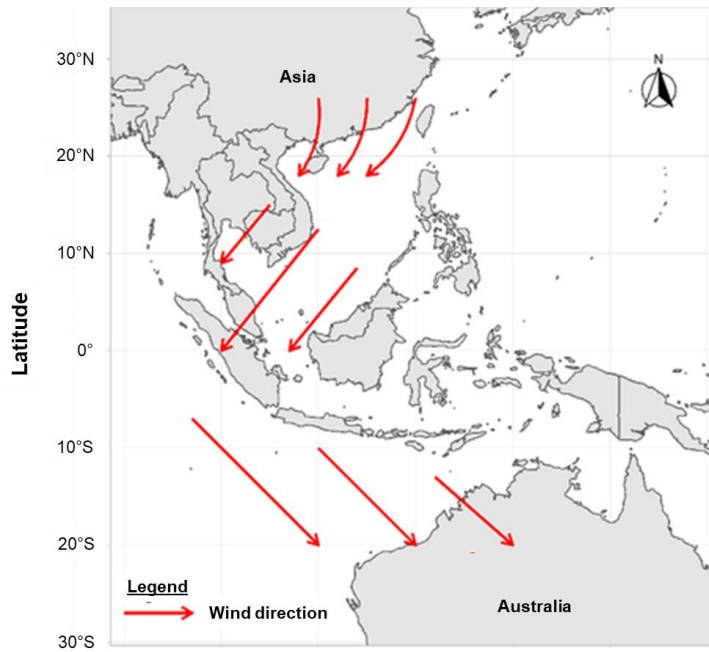


Fig. 3.2 for Question 3(c)

Change in geographical concentration of bluefin tuna and shortfin mako

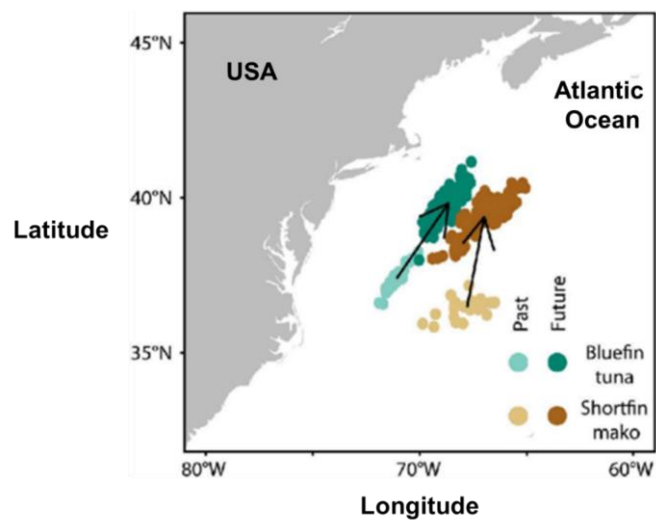


Fig. 4.2 for Question 4(c)
Anak Krakatoa erupting in 2018

