



Pasir Ris Secondary School

Name	Class	Reg no
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SECONDARY 4 EXPRESS PRELIMINARY EXAMINATION 2024

GEOGRAPHY

2279/01

PAPER 1

21 Aug 2024

Wednesday 1105 - 1250

1 hour 45 mins

Candidates answer in the Question Paper.

Additional Materials: Insert

READ THESE INSTRUCTIONS FIRST

Write your name, class and register 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 or tape.

Answer **all questions**.

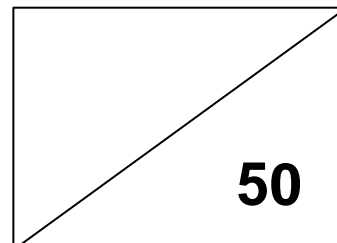
The Insert contains additional resources referred to in the questions.

Candidates should support their answers with the use of relevant examples.

Sketch maps and diagrams should be drawn whenever they serve to illustrate an answer.

The number of marks is given in brackets [] at the end of each question or part question.

The total of the marks for this paper is 50.



This document consists of **12** printed pages

[Turn over

Cluster 1: Geography in Everyday Life

- (a) A group of students wanted to investigate whether the profile of tourists affected the types of attractions visited at Sentosa. They decided to conduct surveys to ask visitors about their travel plans, by sampling 100 tourists. Fig. 1.1 (Insert) shows a map of Sentosa Island.

(i) With reference to Fig. 1.1, suggest a possible hypothesis for the investigation.

.....[1]

(ii) With reference to Fig. 1.1, explain how the students could sample visitors within Sentosa Island to collect the data needed to test their hypothesis.

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[4]

(iii) State three questions and response options which the students could use for their close ended questionnaire to ask for information about the profile of tourists visiting Sentosa.

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[3]

(iv) Suggest how the students could manage potential risks affecting the study.

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.....[3]

(b) For students to understand the tourists' experience at Sentosa better, some tourists were asked to draw mental maps of the places they have visited. They were also asked to add in some descriptions of their experiences. Mental maps of two different tourists are shown in Fig. 1.2 (Insert).

Using Fig. 1.2, compare the mental maps drawn by the two tourists.

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- (c) Eventually, the students decided to conduct their surveys at the monorail station in Vivo City, a shopping mall on the mainland connected to Sentosa by rail, as the weather was cloudy and the students did not want to pay the entrance fee to Sentosa. The students managed to collate 150 responses within four hours from 2 to 6pm, and completed their investigation.

Fig. 1.3 (Insert) shows the results collected by the students. They concluded that 'Most tourists visit Sentosa for its cultural attractions.'

Using Fig. 1.3, evaluate the validity of the students' conclusion regarding the type of attractions in Sentosa that is the most popular among tourists.

[6]

[Total: 20]

Cluster 2: Tourism

- (a) Disposable income has an impact on the ability of people to travel and their travel patterns. Table 2.1 shows the monthly income range from 10 tourists and their length of stay in France.

Table 2.1**Data on Tourists' Monthly Income and Length of Stay in France**

Respondent	1	2	3	4	5	6	7	8	9	10
Monthly Income	\$1000 – \$2999	\$3000 – \$4999	\$3000 – \$4999	\$1000 – \$2999	\$5000 – \$6999	\$1000 – \$2999	\$3000 – \$4999	\$3000 – \$4999	\$5000 – \$6999	\$7000 – \$9999
Length of Stay	4	8	10	5	7	6	6	7	9	12

- (i) Using Table 2.1, describe the relationship between the monthly income of the tourists and their length of stay in France.

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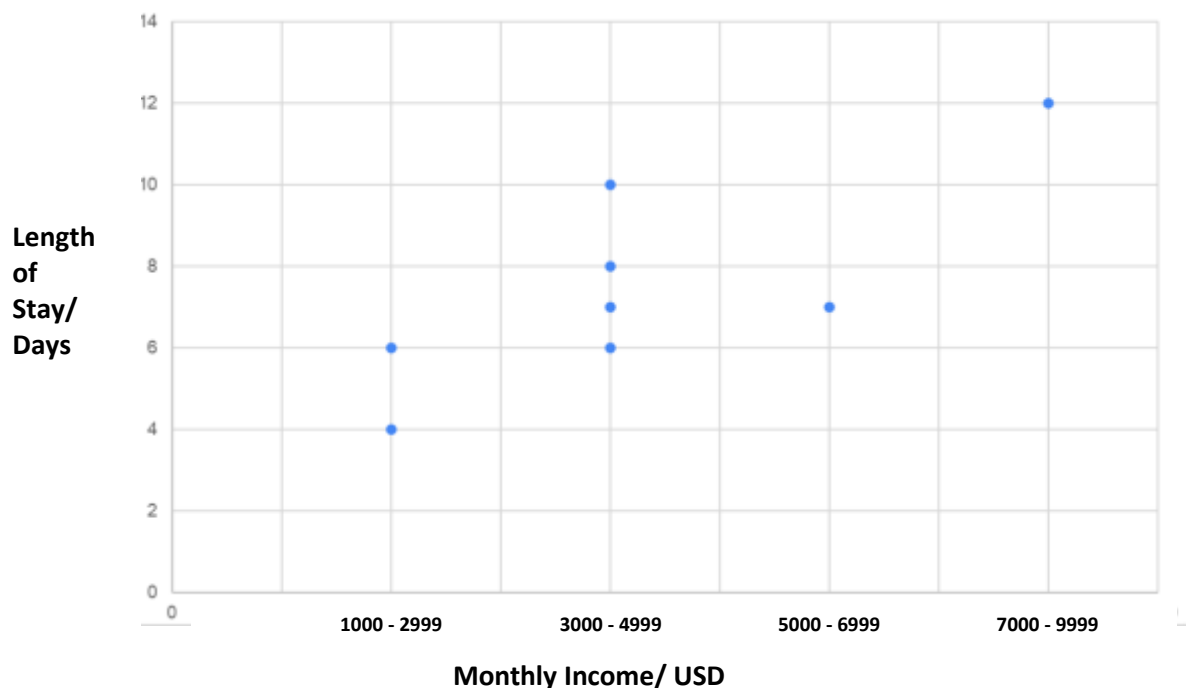
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- (ii) Using Table 2.1, plot the data for respondents 4 and 9 on Fig. 2.1 and draw a best fit line. [2]

Relationship between tourists' monthly income and length of stay in France**Fig. 2.1**

(b) Explain how tourism impact society and culture.

[3]

(c) Study Fig. 2.2 (Insert), which shows information about Goa, a popular tourist destination in India known for its beaches and resorts.

With reference to Fig. 2.2:

(i) Explain which stage of tourism is Goa likely to be experiencing.

[5]

(ii) Explain how Goa may ensure sustainable tourism production.

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[Total: 15]

Cluster 3: Climate

(a) Study Fig. 3.1 (Insert), which shows the climograph of India.

(i) Describe the characteristics of the climate in India.

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(ii) Explain the rainfall patterns in India experienced over a year.

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- (b)** Study Figs. 3.2 and 3.3 (Insert), which shows the changes in ocean PH levels and the global terrestrial index because of climate change.

'The impact of climate change on terrestrial ecosystems is more devastating than on aquatic ecosystems.'

With reference to Figs. 3.2 and 3.3, to what extent do you consider this statement to be true? Explain your answer.

[illegible]

[Total: 15]

Additional Pages

If you use the following lined pages to complete the answer(s) to any question(s), the question number(s) must be clearly shown.

[illegible]

Additional Pages

If you use the following lined pages to complete the answer(s) to any question(s), the question number(s) must be clearly shown.

[illegible]

Additional Pages

If you use the following lined pages to complete the answer(s) to any question(s), the question number(s) must be clearly shown.

This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the page.

End of Paper

Acknowledgments:	
Fig. 1.1	https://in.pinterest.com/pin/378935756123887556/
Fig. 2.2	https://www.ceicdata.com/en/india/resident-visits-by-states/visitor-arrivals-local-go https://str.com/data-insights-blog/go-go-gone https://www.rivieratours.in/cover_image/Hard-Rock-Hotel-Goa.jpg
Fig. 3.1	https://www.researchgate.net/figure/9-Climograph-of-Calcutta-Source-Extracted-from-Wikipedia-2019149_fig7_334959726
Fig. 3.2	https://ocean-acidification.com/2022/05/10/is-ocean-acidification-reversible/
Fig. 3.3	https://www.researchgate.net/figure/The-Living-Planet-Index-with-95-confidence-limits-Source-WWF-ZSL-GFN_fig8_277444833

