



ST. MARGARET'S SCHOOL (SECONDARY)

Preliminary Examinations 2024

CANDIDATE NAME

CLASS

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REGISTER NUMBER

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HUMANITIES (GEOGRAPHY)

2260/02

Paper 2 Geography

20 August 2024

Secondary 4 Express

1 hour 45 minutes

Candidates answer on the Question Paper.
Additional Materials: Insert

READ THESE INSTRUCTIONS FIRST

Write your name, registration 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 **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	
Question	Marks
1	/ 14
2	/ 18
③ / 4 *	/ 18

Total	/ 50
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**Circle the question attempted.*

Section A

Answer Question 1 **and** Question 2.

1 Cluster 1: Geography in Everyday Life

- (a) Fig. 1.1 shows an excerpt from a news article on raccoons found in urban neighbourhoods of Toronto, Canada.

Excerpt from a news article on raccoons found in urban neighbourhoods of Toronto, Canada

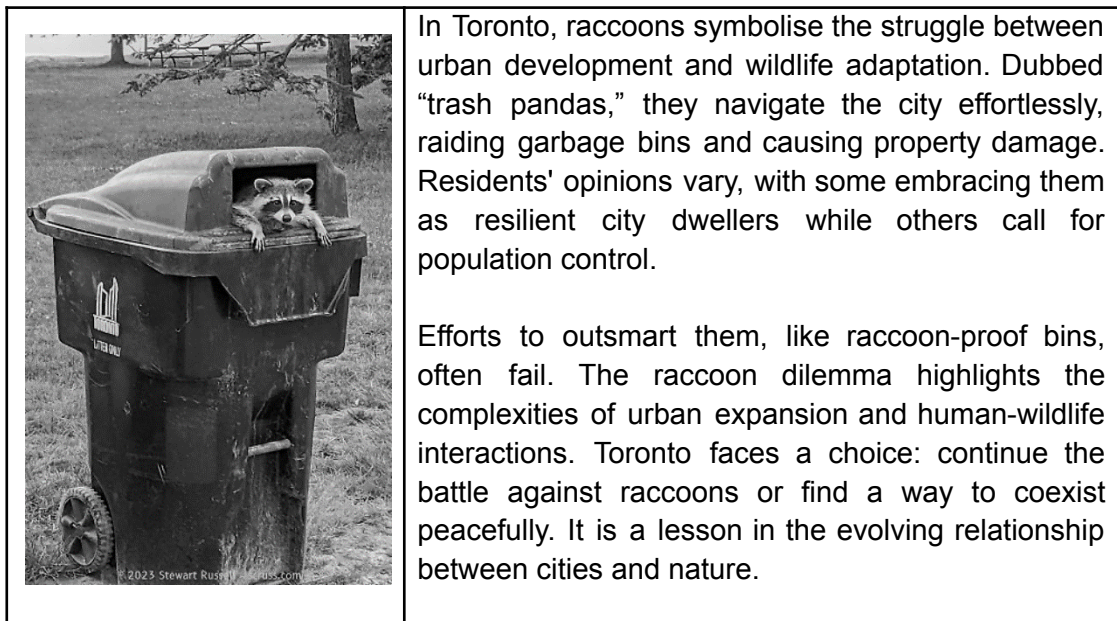


Fig. 1.1

- (i) With reference to Fig. 1.1, explain how raccoon encounters in Toronto could have occurred.

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(ii) Explain the negative effects of raccoon encounters on the city dwellers in Toronto.

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..... [3]

- (b) An elderly-friendly exercise park was recently installed in a HDB estate in Singapore. A group of students decided to carry out a geographical investigation on the age groups of people who use the exercise park.

The group decided to count the number of visitors at the park at different times of the day for one weekend during the June holidays. While counting the number of users at the park, the group also estimates the ages of the park visitors. Group members were to stand at the park for five minutes every hour from 8 am till 8 pm and count the number of visitors present.

The data collected is shown in Table 1.1.

Table 1.1

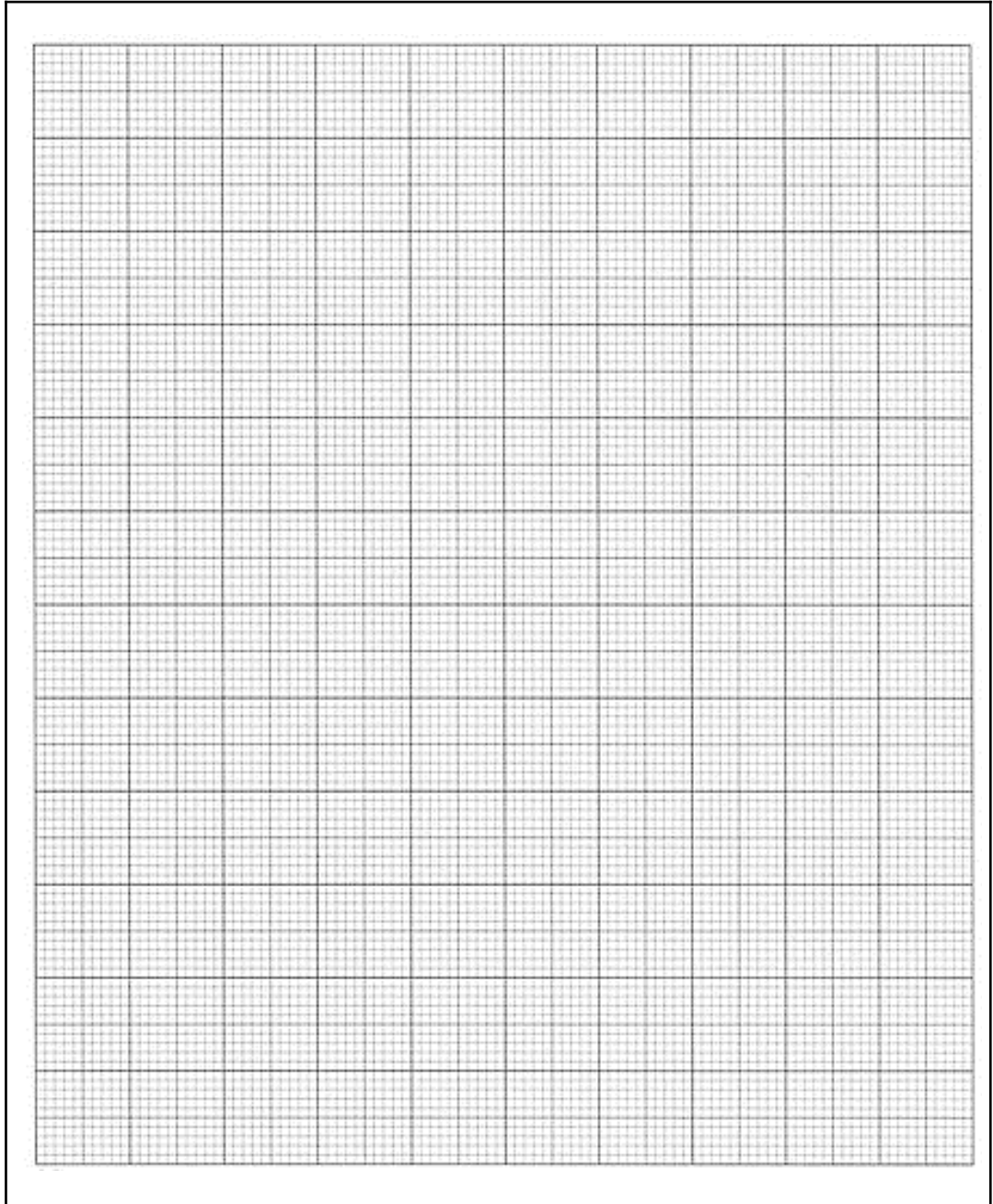
Number of people who uses the exercise park on a weekend

Time	Number of visitors		
	Saturday	Sunday	Average
8.00AM	6	8	7
9.00AM	6	7	6.5
10.00AM	5	5	5
11.00AM	0	0	0
12.00PM	0	0	0
1.00PM	0	0	0
2.00PM	0	0	0
3.00PM	0	0	0
4.00PM	5	5	5
5.00PM	7	8	7.5
6.00PM	5	6	5.5
7.00PM	2	2	2
8.00PM	0	0	0

- (i) Draw a suitable graph that shows the relationship between the time of day and the average number of visitors at the park on a weekend.

[3]

Title: Average number of visitors at the elderly-friendly exercise park on a weekend



- (ii) Evaluate the validity of the students' investigation regarding the age group of people who use the exercise park.

[6]

[Total: 14 marks]

2 Cluster 2: Tourism

- (a) Study Fig. 2.1 (Insert) showing a tourism brochure on the Faroe Islands, an archipelago in the North Atlantic Ocean.

With reference to Fig. 2.1, account for the different motivations behind people's travel to the Faroe Islands.

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- (b) (i) Study Fig. 2.2, which presents a bar graph depicting the number of visitor arrivals in Hong Kong from 2013 to 2023.

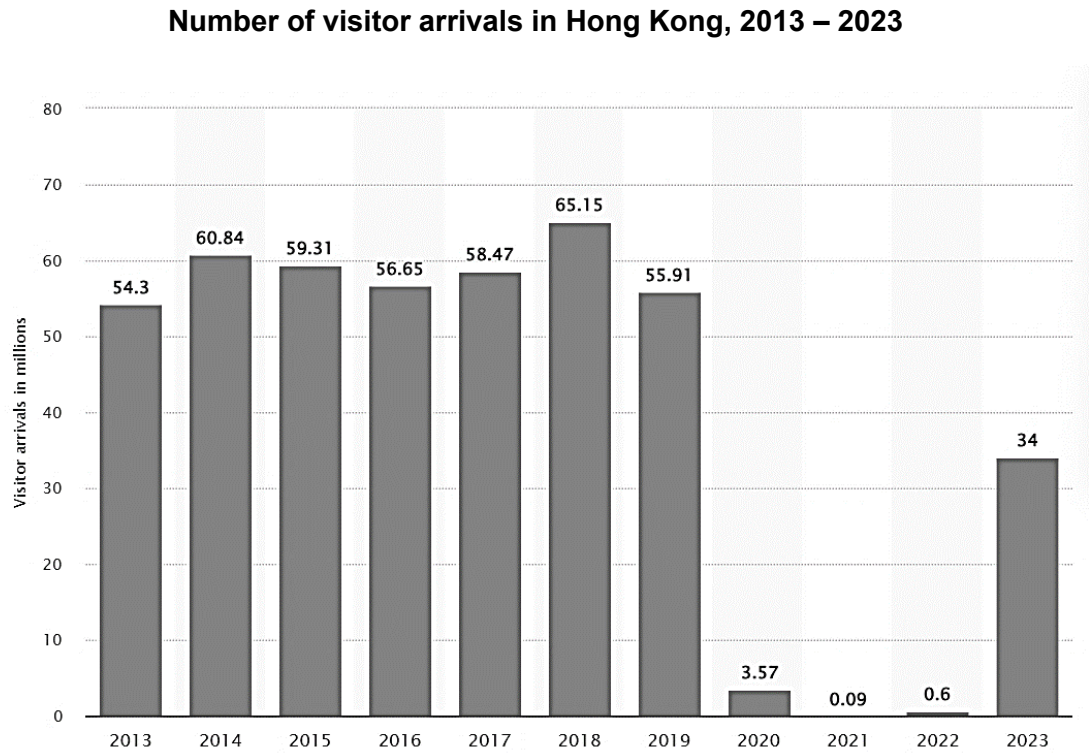


Fig. 2.2

Describe the trend in visitor arrivals to Hong Kong from 2013 to 2023 using Fig. 2.2.

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- (ii) Fig. 2.3 shows demonstrators at the anti-police violence protest at Hong Kong International Airport in 2019.

Demonstrators at the anti-police violence protest at Hong Kong International Airport, 2019



Fig. 2.3

With reference to Fig. 2.3, explain why such an event in Hong Kong might lead to negative impacts on its tourism industry.

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- (c) "Pro-poor tourism is more advantageous than community-based tourism for a country that is developing sustainable tourism."

To what extent do you agree with this statement? Use examples to support 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.

[9]

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Section B

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

3 Cluster 3: Climate

- (a) Fig. 3.1 (Insert) presents a world map illustrating the global distribution of mean annual temperature in degree Celsius ($^{\circ}\text{C}$).
- (i) Describe the changes in the mean annual temperature from location A to location B using Fig. 3.1.

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- (ii) With reference to Fig. 3.1, account for the changes in mean annual temperature from location A to location B.

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(b) Compare the formation of convectonal rain and relief rain.

[4]

(c) Study Fig. 3.2, which shows an illustration of a volcanic eruption.

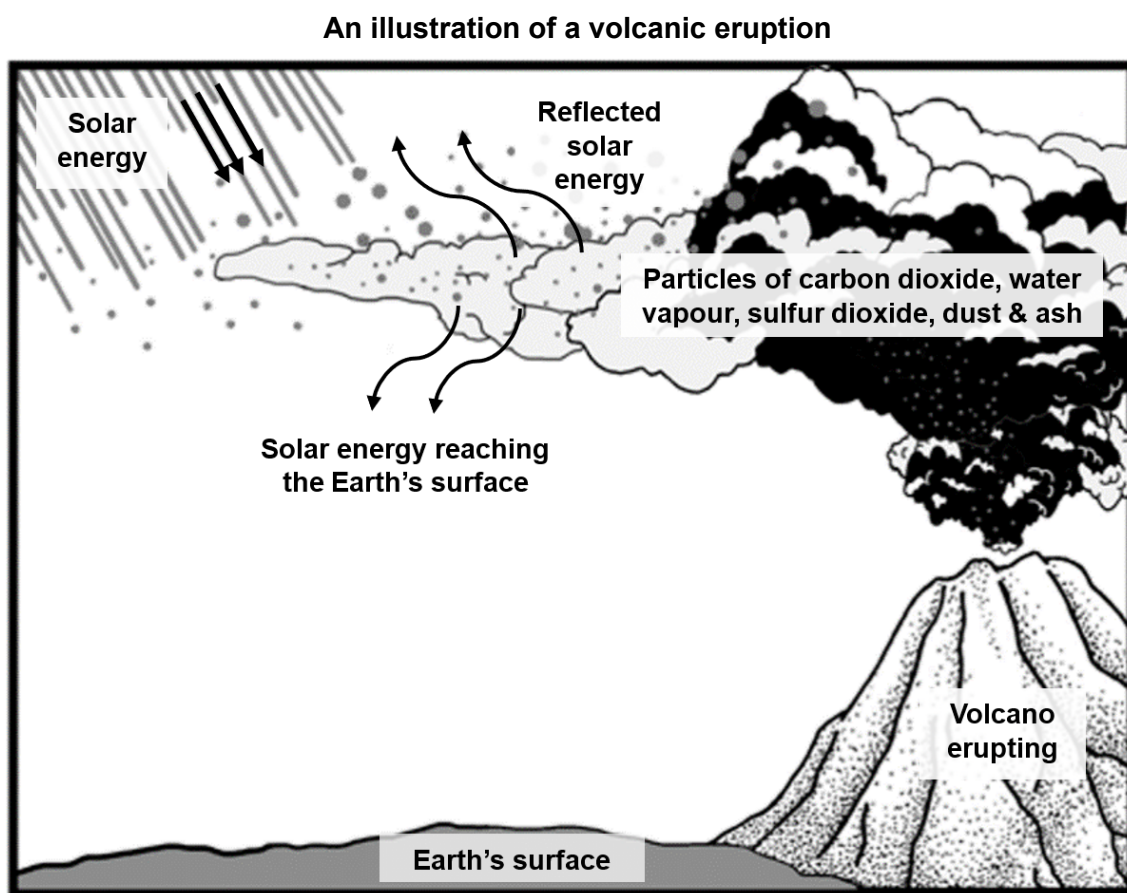


Fig. 3.2

Using Fig. 3.2, explain the effects of a volcanic eruption on global temperature.

This image shows a full page of white paper with horizontal dashed lines, typical of primary school handwriting practice 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.

- (d)** Explain the indirect impacts that climate change has on the provisioning ecosystem services.

[4]

[Total: 18 marks]

4 Cluster 4: Tectonics

*This question is reserved for candidates who have studied the Tectonics cluster.
Please do not attempt.*

Additional Page

If you use the following page to complete the answer to any question, the question number must be clearly shown.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Question 1 Fig. 1.1	https://scruss.com/blog/2023/06/23/welcome-to-trash-panda-city/ https://theguardian.com/world/2018/oct/05/canada-toronto-raccoons
Question 1 Table 1.1	Data is created for the purpose of the question and does not represent actual observations.
Question 2 Fig. 2.1	https://walkandalie.com/2015/11/gjogv-eidi-and-tjornuvik-faroe-islands https://www.tripadvisor.com.sg/AttractionProductReview-g190335-d23357687-Slaettaratindur_and_Golden_Circle_Full_Day_Tour-Torshavn_Streymoy.html https://www.travelphotographyguru.com/travel-blogs/faroe-islands-travel
Question 2 Fig. 2.2	https://www.statista.com/statistics/317143/hong-kong-visitor-arrivals/
Question 2 Fig. 2.3	https://www.dailymail.co.uk/news/article-7288595/Protesters-calling-free-Hong-Kong-converge-airport.html
Question 3 Fig. 3.1	https://www.researchgate.net/figure/Global-distribution-of-annual-mean-temperature-T-C_fig2_296696619
Question 3 Fig. 3.2	https://www.nytimes.com/2018/02/01/climate/volcano-geoengineering.html