

Name: _____ () Class: _____



**ANGLICAN HIGH SCHOOL
PRELIMINARY EXAMINATION
SECONDARY 4 CORE GEOGRAPHY 2022**

S4

GEOGRAPHY

2236/01

Paper 1
Section A

26th August 2022

Additional Materials: 2 Inserts

1 hour 40 minutes

Candidates answer on the Question Paper.

READ THESE INSTRUCTIONS FIRST

Write your index number and name on all the work that you hand in.

Write in dark blue or black pen.

You may use a HB pencil for any diagrams or graphs.

Do not use staples, paper clips, glue or correction fluid.

Section A

Answer Question 1.

Section B

Answer **one** question.

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.

Hand in Section A and Section B SEPARATELY. Do NOT staple A and B together.

Section A		25 marks
Section B		25 marks
Total:		50 marks

Parent's Name:	
Parent's Signature:	

This document consists of **8** printed pages and **2** Inserts

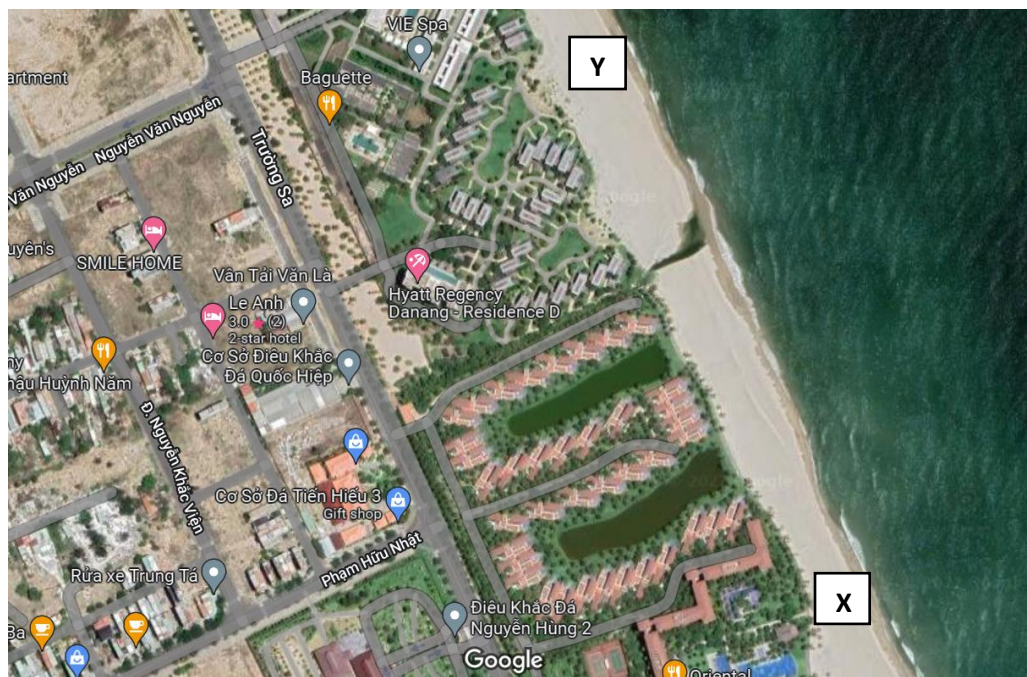
[Turn over

Section A

This question is compulsory.

- 1 A group of students from a school in Da Nang, Vietnam conducted a geographical field investigation at the coastal city where tourism is the main economic activity.

Photograph A



Source: Google Map

- (a) Photograph A shows the location of the beach where the students are interested to find out whether wave frequency affects beach gradient. The students marked out 2 locations, X and Y on the beach and conducted the investigation on the same day. Wave frequency was collected in the morning for Location X and in the afternoon for Location Y.

Table 1
Waves per minute

Location	1 st reading	2 nd reading	3 rd reading
X	7	7	7
Y	5	6	7

- (i) Suggest a suitable hypothesis to conduct the investigation.

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[1]

- (ii) Using Table 1, comment on the type of waves that occurred at location X and Y and its impact on the beach gradient.

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.....[3]

- (iii) Suggest two improvements to the students' investigation which can lead to more reliable results.

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.....[2]

- (b) The group of students made a trip from Da Nang to Hoi An. They visited the Hoi An Ancient Town at Tran Phu St as shown in Fig. 1 (Insert 1), which showcases Vietnam's heritage and culture. The students wanted to find out if the types of shops at Hoi An Ancient Town is influenced by the large number of tourists.

Describe a suitable method the students could use to find out the types of shops along Tran Phu St.

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- (c) The students decided to consider the guiding question ‘How have the sources of information used when planning holidays to Hoi An Ancient Town changed over the years?’

The group of 8 students devised a questionnaire, Fig. 2 (Insert 1), and decided to interview the tourists using a regular interval. The students also used secondary data to obtain the results from 2012 to compare.

- (i) State a secondary source of data to obtain the results of the sources of information in Fig. 2 (Insert 1) for the year 2012.

.....[1]

- (ii) Assess the usefulness of the design of the questionnaire shown in Fig. 2 (Insert 1).

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[2]

- (iii) With reference to Fig.1 (Insert 1) and your own knowledge, describe how the students can organize their data collection using the sampling method.

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[4]

- (iv) Justify the use of the sampling method used in their investigation.

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.....[2]

- (d) Table 2 shows the results of 80 tourists who were surveyed on the sources of information used when planning holidays to Hoi An Ancient Town in 2012 and 2022.

Table 2

Sources of information in 2012

Source of information	No of tourists
Traditional media	5
Travel agent'/tour operators websites	40
Word of mouth	17
Social media	8
Reviews on websites	10

Sources of information in 2022

Source of information	No of tourists
Traditional media	5
Travel agent'/tour operators websites	7
Word of mouth	15
Social media	35
Reviews on websites	18

Use the data in Table 2 to draw a bar graph on Fig. 3 (Insert 2) showing the results of the survey in 2012 and 2022. [3]

- (e) What conclusions can be drawn from the information in Table 2 and the bar graph you have drawn in Fig. 3 (Insert 2), in response to the guiding question 'How have the sources of information used when planning holidays to Hoi An Ancient Town changed over the years'?

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.....[3]

