



**2017 SCHOLARSHIP EXAMINATION**

**GEOGRAPHY**

Time: 1 HOUR

Name: \_\_\_\_\_

School: \_\_\_\_\_

**INSTRUCTIONS**

Complete **ALL** questions (**60 marks** in total)

Use separate sheets if more space is required.

1 (a) Study the map extract of Elie and Earlsferry in Fife (**Figure 1**).

Using map evidence to support your answer, outline the possibilities for tourism in the area.

(5 marks)

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1 (b) Explain the formation of a beach

(4 marks)

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1 (c) What is the name of the coastal feature found at 460,003 (**Figure 1**)?

(1 mark)

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1 (d) Describe and explain the formation of this feature. You may wish to use a diagram to help your answer.

(5 marks)



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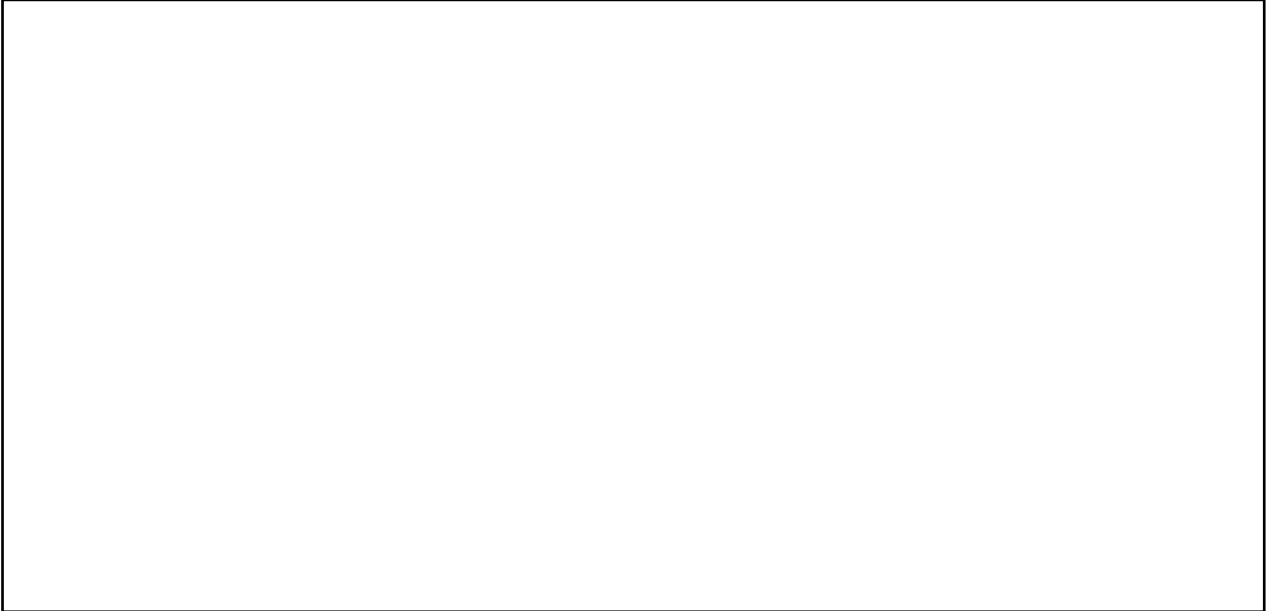
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1 (e) Study the photograph of a coastal arch and stump (**Figure 2**).

How was the stump formed? You may wish to use a diagram to help your answer.

(4 marks)



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1 (f) How could 'weathering' accelerate the process you have just described?

(2 marks)

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2 (a) Study the diagram showing a specific type tectonic plate boundary (**Figure 3**)

What is the name of this type of plate boundary?

(1 mark)

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2 (b) Using (**Figure 3**) explain how volcanoes are formed at this type of plate boundary.

(5 marks)

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2 (c) Outline the differences between a shield and a composite volcano.

(5 marks)

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3 (a) Study **(Figure 4)** which shows a climate graph

(i) Which month has the highest temperature and what is that temperature?

(1 mark)

(ii) Which month has the highest rainfall and what is the amount?

(1 mark)

(iii) What is the temperature range shown on the graph?

(2 marks)

3 (b) Is this climate graph for a) the desert, b) the rainforest or c) the tundra?

(1 mark)

3 (c) Is this a climate graph for a) the rainforest, b) the tundra or c) the desert?

(1 mark)

3 (c) Justify your answer

(4 marks)

4 (a) Study (**Figure 5**) a scatter graph showing life expectancy plotted against average income. Each dot represents a different country and some are labeled.

What relationship does the graph show?

(2 marks)

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4 (b) Why is it that some countries have a higher life expectancy than others?

(4 marks)

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4 (c) What is meant by the term 'tertiary industry'?

(2 marks)

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