

Unit 1 – Sample Revision Questions

Core Theme 1 – Landscape Processes

1. (a) Study the photograph below.



(i) Put the correct letter in each box to identify each of the statements below. [4]

Use each letter **once** only.

A place likely to flood after heavy rainfall.	
Where the energy level in the channel is at its greatest.	
New land being created by deposition.	
A place where erosion is most likely to be taking place.	

(ii) Name and describe one process by which a river **transports** its load. [2]

Process: _____

Description: _____

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(b) Explain why named processes lead to the formation of coastal spits.

[8]

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2. (a) Study the photograph below.



- (i) Name the landform shown on the photograph.
Underline the correct answer below.

[1]

spit *cliff* *stack*

- (ii) Describe how sea conditions may contribute to erosion along this coastline.

[2]

- (iii) Explain how the type of rocks, shown on the photograph, can also result in rapid erosion.

[3]

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3.



(a) Describe the change in the number of tourists visiting Snowdonia. (3)

Study Fig. 2 which shows an image of a National Park warden speaking to a walker.



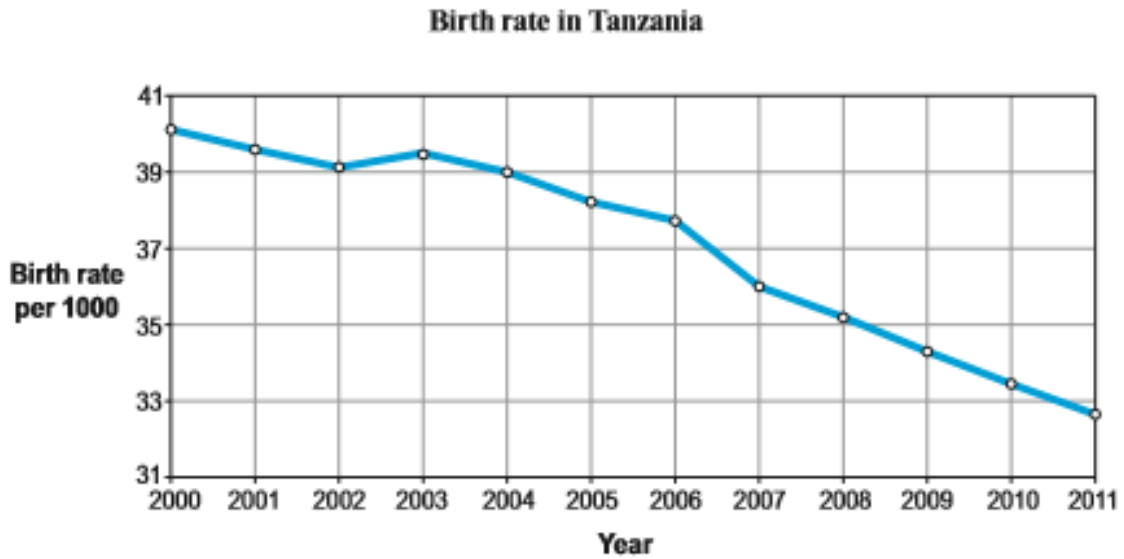
Fig. 2

(b) Suggest how National Parks might inform visitors of how they can be *responsible tourists*. [4]

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Core Theme 2 – Rural-Urban Links

1. Study the graph below.



(a) Describe the change in Tanzania's birth rate since 2000. [2]

(b) Suggest **two** reasons why this may have happened. [2]

Reason 1

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Reason 2

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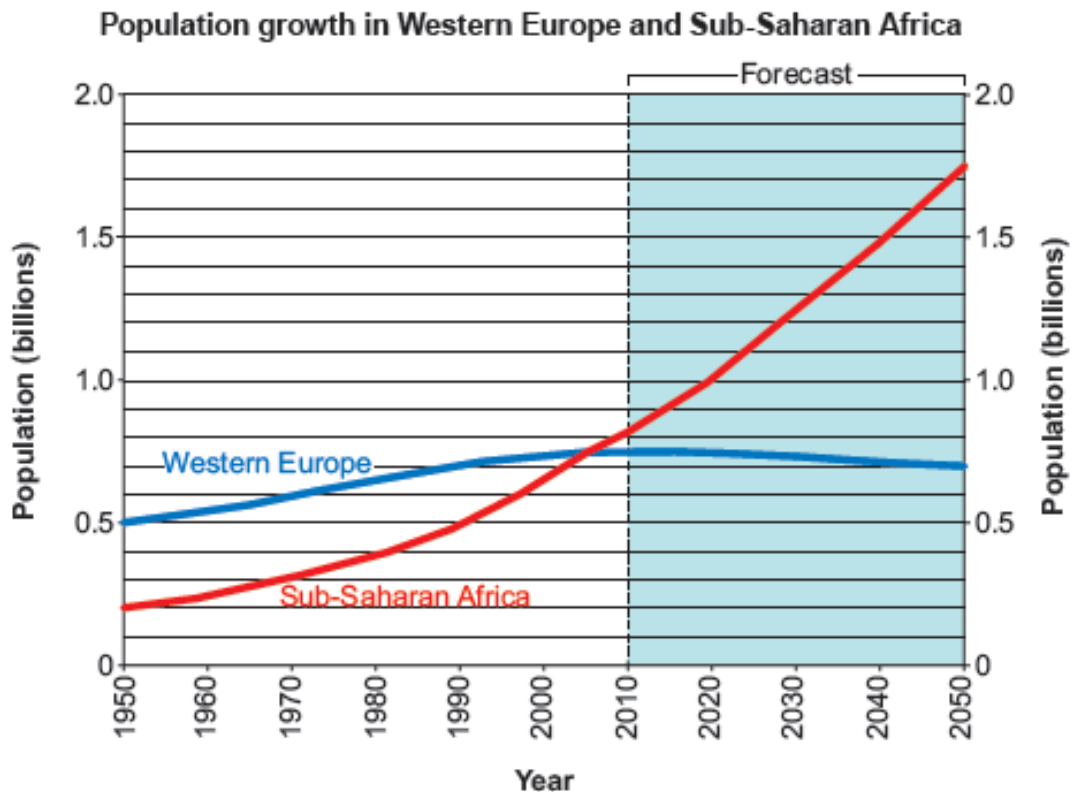
2. Study the photograph below which shows a pedestrianised zone in a city centre.



Explain why pedestrianisation and other **named** recent changes have attempted to make city centres more attractive to shoppers. [6]

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3. (a) Study the graph below.



(i) Complete the paragraph below by adding answers from the box. [3]

<i>higher</i>	<i>slower</i>	<i>1.75 billion</i>	<i>0.75 billion</i>	<i>faster</i>
<i>ten billion</i>	<i>one billion</i>	<i>lower</i>		

The graph shows that in 1950 the population of Sub-Saharan Africa was 0.3 billion than Western Europe. From 1950-2010 it has grown at a rate than Western Europe's population. Population in the two regions was the same in 2004, after which it levelled out in Western Europe. It is forecast that population in Sub-Saharan Africa will continue to rise rapidly, reaching by 2050.

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4. Study the photograph below which shows a rural area in the UK.



Use the photograph and your own knowledge to explain why many people in MEDCs now prefer to live in rural areas.

Use one or more examples to help your answer.

[5]

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5. Many cities are introducing measures to reduce the *negative environmental impacts* of transport within their destination.

(ii) Suggest **two** measures that cities have introduced to reduce the *negative environmental impacts* of transport within their destination. [4]

1. _____

2. _____

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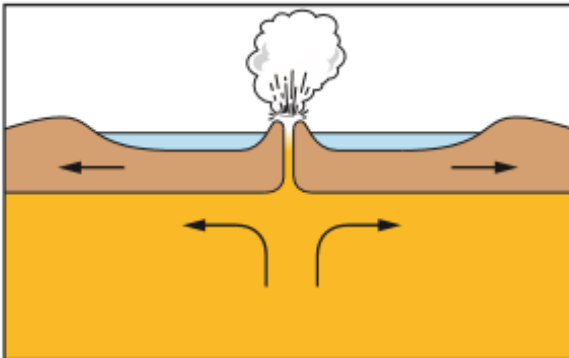
6. Explain why many Western European countries face an increasingly ageing population. Use one or more examples to illustrate your answer. [6]

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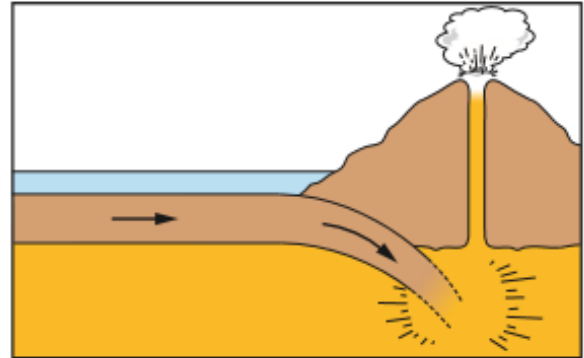
Optional Theme 3 – Tectonic Landscapes and Hazards

1. Study the two diagrams below.

Constructive margin



Destructive margin



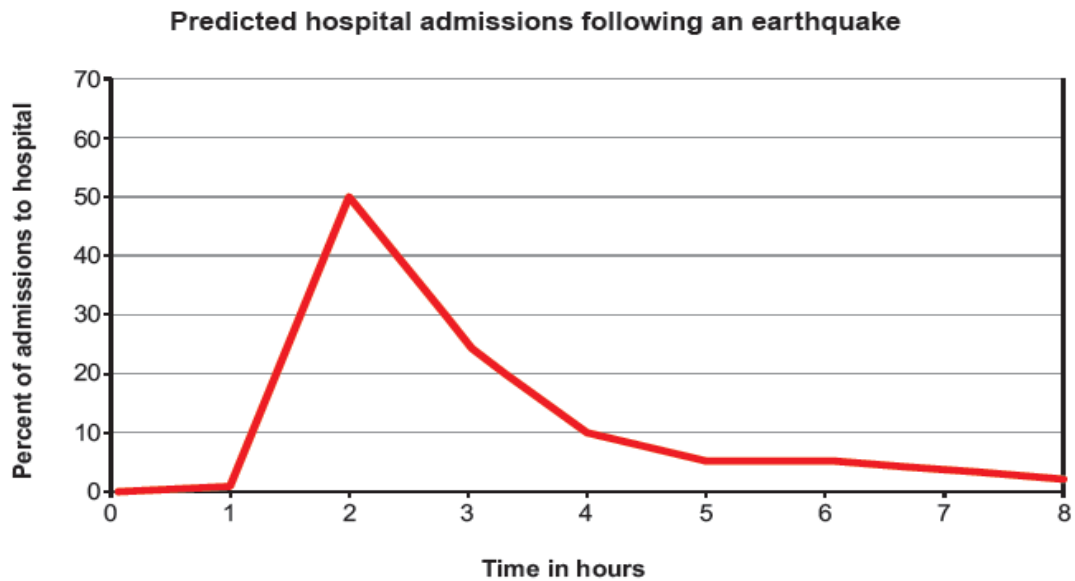
(a) Complete the following paragraph by using the words in the word box below. [4]

volcanoes *crust* *rift valleys* *energy* *magma*
destructive *core* *conservative* *constructive*

The earth's is divided up into a number of plates which slowly move. At a margin, plates are pulling apart. This causes to move up and fill the gap between them forming a ridge under the ocean. At a margin, plates are moving towards each other. At these margins are commonly formed.

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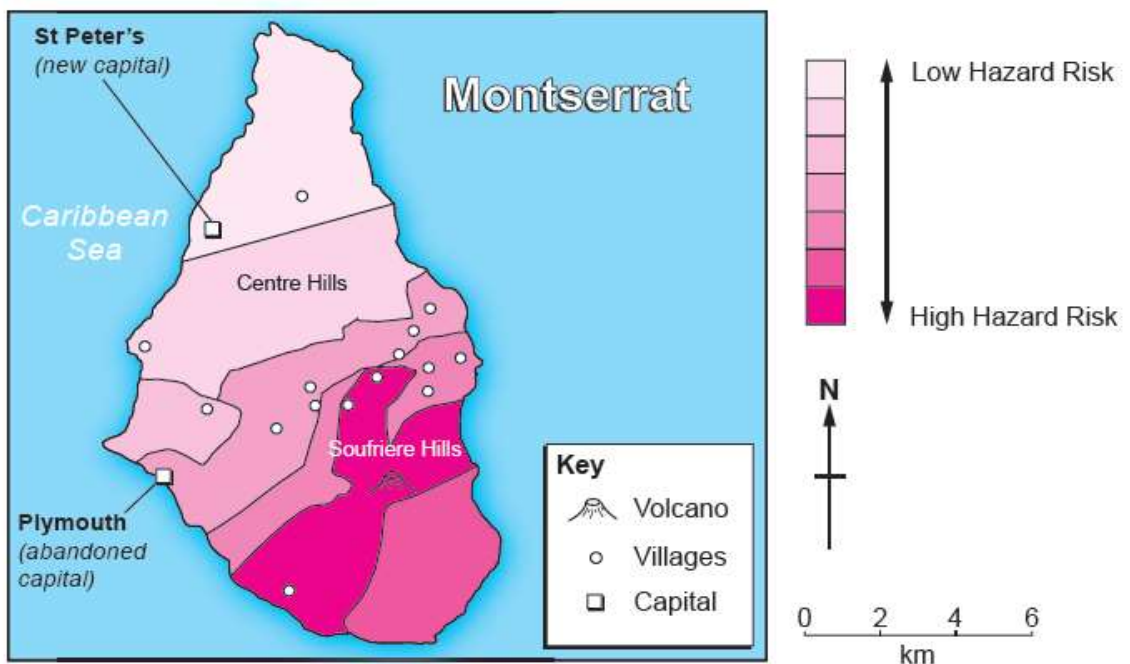
(b) Earthquakes occur on destructive plate margins. Study the graph below.



(i) Describe how the percentage of admissions to hospital changes during the eight hours after the earthquake. [2]

(c) **A hazard map shows the level of risk to people and their property from a volcanic eruption.**

Study the Hazard Map for the Soufriere Hills Volcano on the island of Montserrat



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- (i) Use the map to suggest why the capital of Montserrat has been moved. [2]

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2. Explain how the impact of earthquakes on people’s lives may be reduced. [6]
Use one or more examples to illustrate your answer.

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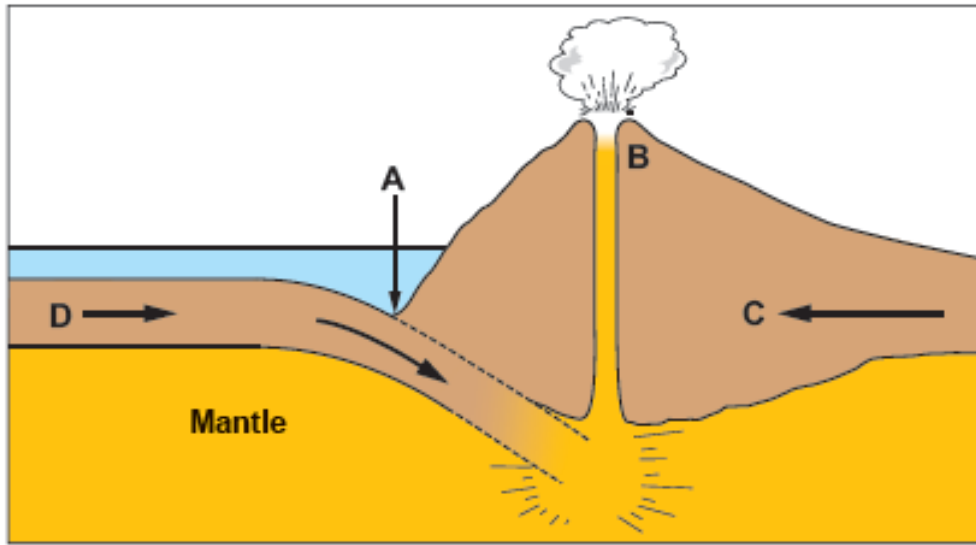
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3. The diagram below shows the plate boundary at X on the map.



(a) Put the correct letter from the diagram in the box below to identify each feature. [3]

Feature	Letter
Continental Plate	
Ocean Trench	
Volcano	
Oceanic Plate	

(b) Explain how the feature at B is formed. Add to the diagram to help your answer. [3]

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(c) Describe how **one** of the following volcanic hazards can affect people. Use an example you have studied to help. [4]

Pyroclastic Flow Lahar Lava Flow Ash

My choice of hazard

(d) Explain why some people are more vulnerable to the effects of volcanoes than others. [4]

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4. Explain why the effects of earthquakes may vary in countries at different levels of development. [6]
Use examples to illustrate your answer.
