ST EDWARD'S

OXFORD

13+ SCHOLARSHIP EXAMINATION

2013

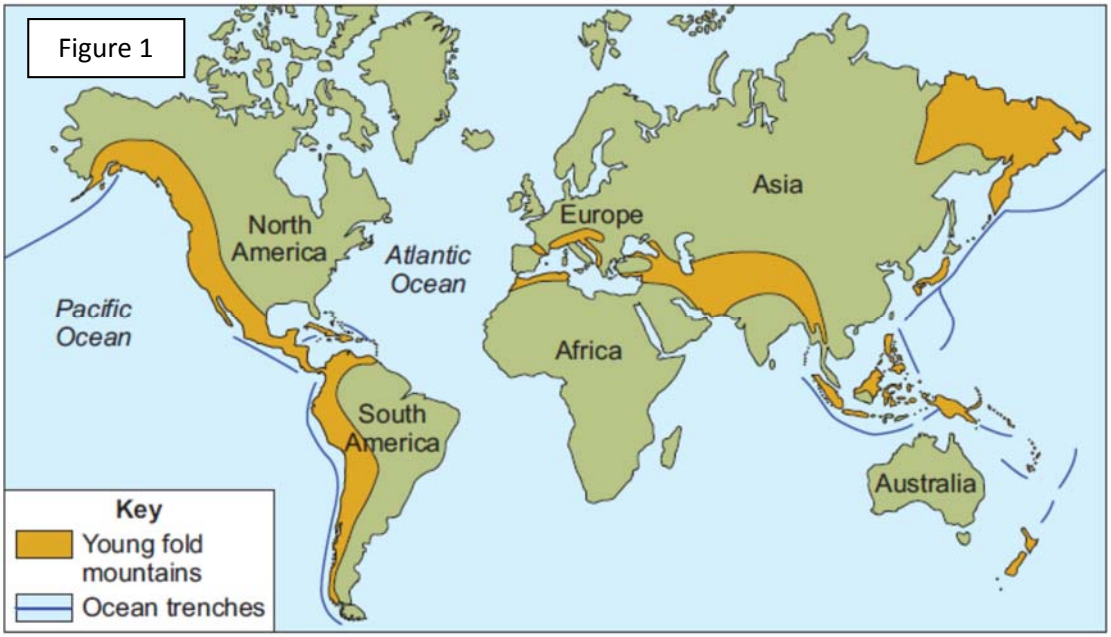
GEOGRAPHY

1 hour

Instructions to candidates:

Answer **all** questions (continuation space is available at the end of the paper)

Figure 1



1. Study **figure 1**, a map showing the locations of young fold mountains and ocean trenches. Describe the location of young fold mountains and ocean trenches

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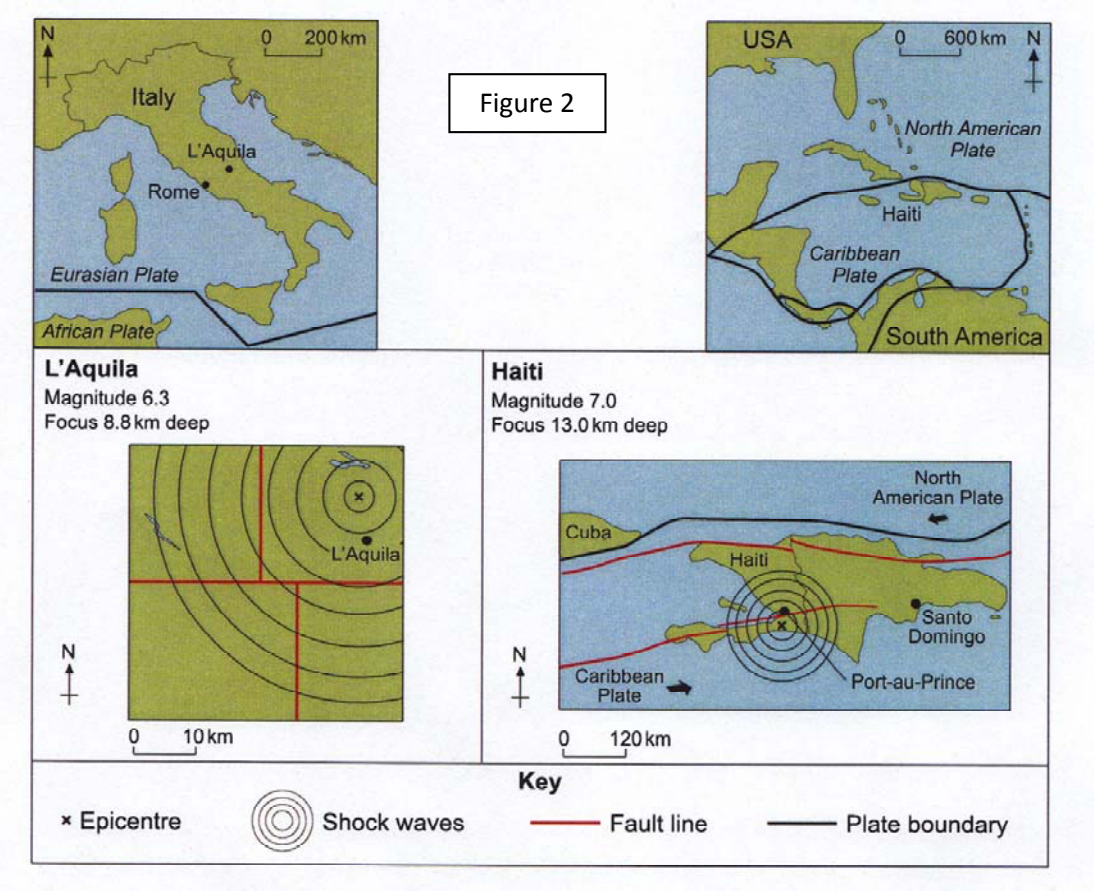
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(4 marks)

2. Draw an annotated diagram to explain the formation of fold mountains and ocean trenches. (4 marks)



3. Study **Figure 2,** which shows characteristics of the L'Aquila, Italy earthquake in April 2009, and the Haiti earthquake in January 2010.
Compare and contrast the characteristics of the two earthquakes

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(4 marks)

4. Describe how the effects of an earthquake in a richer area of the world are different from the effects of an earthquake in a poorer area of the world.

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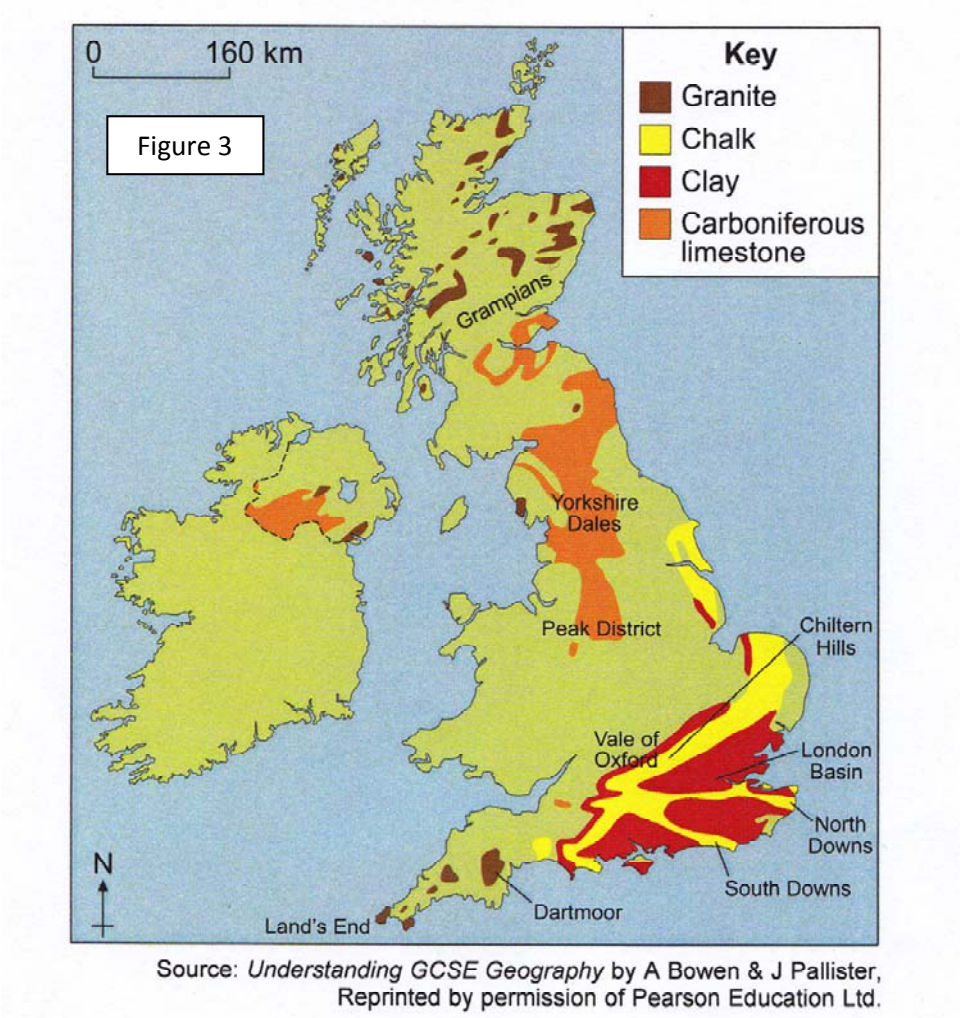
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(6 marks)



Source: *Understanding GCSE Geography* by A Bowen & J Pallister, Reprinted by permission of Pearson Education Ltd.

5. Study **figure 3**, which shows the distribution of four different types of rock in the United Kingdom.

Describe the distribution of granite shown in figure 3

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(3 marks)

6. Describe the formation of sedimentary rocks

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(3 marks)

7. Describe how a river transports its load

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(3 marks)

8. Using an example describe responses to river flooding.

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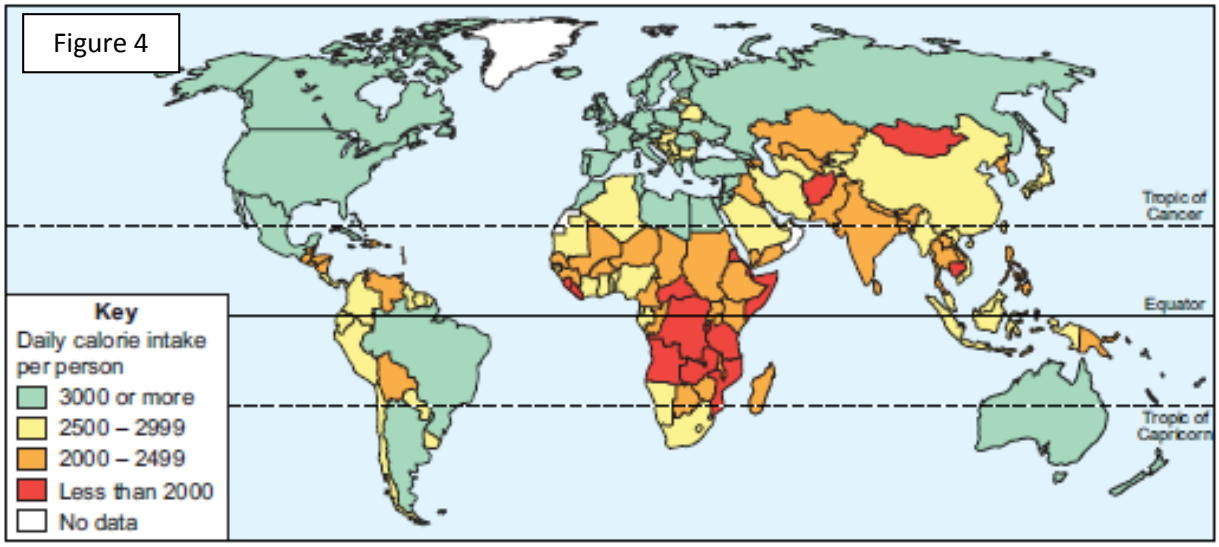
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(6 marks)

Figure 4



9. Study **figure 4**, a map showing daily calorie intake by country in 2007

Describe and suggest reasons for the pattern shown in figure 4.

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(6 marks)

10. Explain why trying to increase the amount of food produced in the world may have environmental disadvantages.

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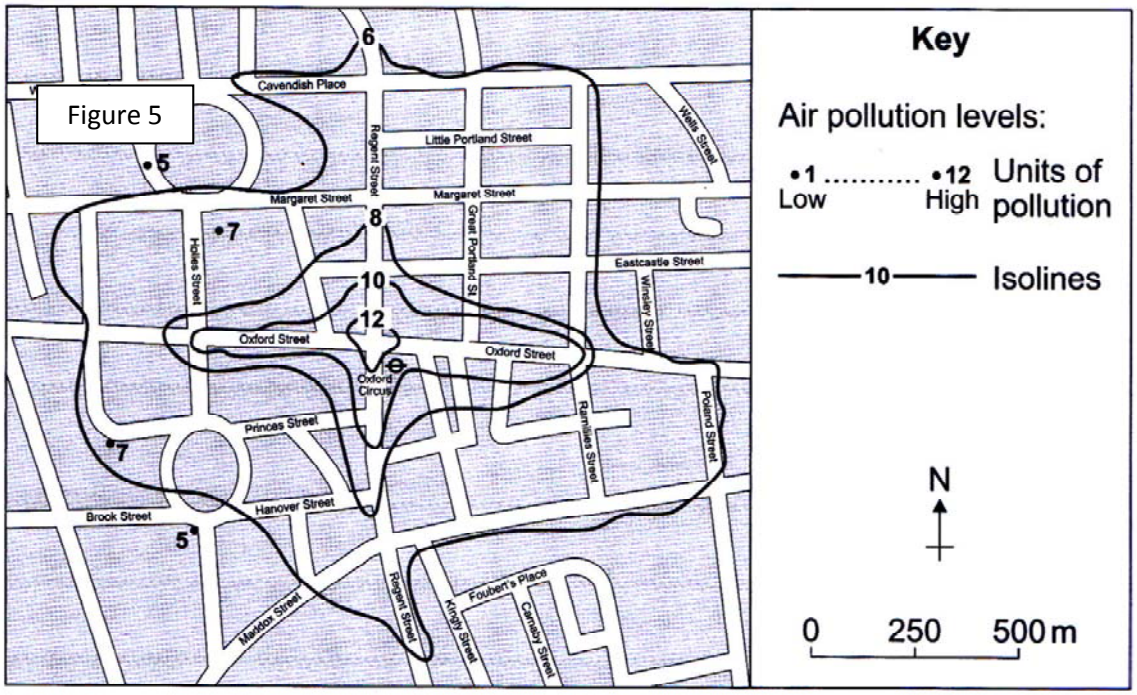
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(6 marks)



11. Study **figure 5**, an isoline map of air pollution levels. The map was produced for a GCSE Controlled Assessment investigation on traffic pollution levels in Central London.

Describe the pattern of air pollution shown in figure 5.

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(3 marks)

12. Air pollution is a problem caused by high levels of road traffic in towns and cities, using specific examples, describe how this problem can be solved.

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(7 marks)

Extra space if required. Please make clear which question(s) you are answering