ECOSYSTEMS
Higher 2003

10 Ecosystems Total for this question: 15 marks

(a) Study Figure 1, the Ordnance Survey map extract of Perth.
(i) Describe the distribution of coniferous woodland on the Ordnance Survey map extract.

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(2 marks)

(ii) Explain how and why conifers are adapted to survive thin soils and cold climate.

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(4 marks)

(b) Study Figure 15, a flow chart showing the causes of desertification.

(i) What is desertification?

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(1 mark)

(ii) With the help of Figure 15, suggest how desertification may affect local people.

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(2 marks)

(iii) Using one or more examples, describe how desertification can be prevented or reduced.

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(6 marks)