

ECOSYSTEMS

Foundation 2004

10 Ecosystems Total for this question: 15 marks

(a) Study **Figure 16**, which shows a plan to protect an area of tropical rainforest in Brazil.

(i) Give **three** features of the plan for the core area shown in **Figure 16**.

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- 2
- 3

(3 marks)

(ii) Describe the advantages of the plan shown in **Figure 16** for the local people.

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(4 marks)

(iii) Complete the sentences below to explain why the tropical rainforest needs to be managed.

Choose the correct words from the list.

flooding formation furniture

erosion pollution money

The tropical rainforest needs to be managed because it is very fragile. Removing the trees causes soil and increases the threat of

river The forests also contain many valuable resources that can be sold to provide for the country.
(3 marks)

(b) **Figure 17** shows an area of savanna (tropical) grassland.

(i) The savanna climate has a long dry season. What is the term used for a long dry season?

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(1 mark)

(ii) Explain how the trees in savanna areas can survive the long dry season.

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(4 marks)