

Tropical Rainforests Homework 5 Answers

1) Using figure 1, explain one way in which rainforests can be managed sustainably (2)

1.1 New trees can be planted to replace the ones that are cut down [1 mark]. This means there will be trees for people to use in the future [1 mark].

2) Suggest how making the area of rainforest shown in figure 1 into a National Park could enable it to be managed more sustainably (1)

1.2 Activities such as logging are restricted in National Parks, so damage is reduced [1 mark].

3) Explain how international agreements can encourage the sustainable management of rainforests (3)

1.3 International agreements try to reduce illegal logging, which prevents large areas of land being deforested unsustainably [1 mark]. They also encourage consumers to buy hardwood from sustainably managed rainforests [1 mark], which makes sustainable management of rainforests more profitable, encouraging countries to manage rainforests in this way [1 mark].

4) Explain how selective logging can help to make rainforests more sustainable (2)

1.4 Only some trees are felled — most trees are left standing, so the forest is less damaged [1 mark]. The overall forest structure is kept — the canopy's still there and the soil isn't exposed, so the soil remains fertile and is able to support plant growth [1 mark]. This means that the forest will be able to regenerate so it can be used in the future [1 mark].

5) Explain how reducing the debt of the country shown in Figure 1 might help to reduce deforestation there

1.5 The country may be allowing logging, farming and mining in its rainforests to make money to pay its debt [1 mark]. Reducing the debt would mean the country wouldn't have to do this, so the rainforest would be conserved for the future [1 mark].