

Living world – Tropical rainforests: Challenge grid

1 mark
 2 marks
 3 marks
 4 marks
 6 marks
 9 marks

| | | | | |
|---|--|---|--|--|
| Describe the distribution of tropical rainforests | Define the term 'biotic' | Explain how ecotourism can be part of a sustainable management strategy for a tropical rainforest | Describe and explain the distribution of tropical rainforests | Outline one cause of deforestation |
| Explain how the structure of the tropical rainforest vegetation can support high animal populations | Assess the social and environmental impacts of deforestation in a rainforest you have studied | Describe the features of a small scale ecosystem | For a tropical rainforest that you have studied, assess the extent to which deforestation benefits the people who live there | |
| | | Complete the sentence... A producer is... | Outline one cause of deforestation | Explain how human development in tropical rainforests might reduce biodiversity |
| Describe and explain the features of the vegetation found in a tropical rainforest | | Assess the impacts of deforestation in Amazon(belo monte) | | Describe and explain how the tropical rainforest is interdependent |
| Outline one possible social impact of deforestation. | 'The rainforest is more valuable when left intact than when destroyed.' Use evidence from different examples to support and/or challenge this view | | Describe the climate of a tropical rainforest | Evaluate the success of different strategies used to manage tropical rainforests sustainably |
| Describe one way plants in tropical rainforests have adapted to their environment | Explain strategies which could be used to manage a rainforest sustainably | Using a named example, explain how changes can have long and short term effects on an ecosystem | | Outline one possible environmental impact of deforestation. |
| Define the term 'sustainable' | Explain reasons why tropical rainforests should be protected | | Define the term 'nutrient recycling' | |
| | Describe features of a tropical rainforest ecosystem | Suggest one way that international cooperation can help make tropical rainforests more sustainable. | | Explain how international hardwood agreements can encourage the sustainable management of tropical rainforests |
| | | | Define the term 'biome' | Describe one way plants in tropical rainforests have adapted to their environment |
| Explain how selective logging can help make tropical rainforests more sustainable | For a tropical rainforest you have studied, to what extent does deforestation affect people and the environment? | | | |
| Describe and explain how soil and plants in tropical rainforests are dependent on one another | | | | |

Living world – hot environments: Challenge grid

Revision



1 mark



2 marks



3 marks



4 marks



6 marks



9 marks

| | | | | | |
|--|---|---|---|--|--|
| Describe and explain the distribution of hot desert environments | Suggest one economic opportunity of development in hot desert environments | | Define the term 'decomposer' | Describe features of a hot desert environment | Explain how human development in hot desert environments might reduce biodiversity |
| Define the term 'abiotic' | Explain strategies which could be used to protect hot desert environments | Explain reasons why hot desert environments should be protected | Describe one way animals in hot desert environments have adapted to their environment | Evaluate the success of different strategies used to manage hot desert environments sustainably | |
| Describe the location of areas at risk of desertification | | | Using the fringe of hot desert environment you have studied, assess the importance of management strategies used to reduce the risk of environmental damage | Describe and explain the features of the vegetation found in a hot desert environments | Describe and explain how hot desert environments are interdependent |
| For a hot desert environment you have studied, to what extent does that environment provide both opportunities and challenges? | | | Explain how conservation can encourage sustainable management of hot desert environment | Assess the social and environmental challenges of development in a hot desert environment you have studied | |
| Outline one possible challenge to development in hot desert environments | Suggest one economic opportunity of development in hot desert environments | | | Explain the physical characteristics of hot desert environments | Explain plant and animal adaptations in a hot desert environment |
| How can desertification be managed sustainably | Describe one way plants in hot desert environments have adapted to their environment | | 'Hot desert environments are more valuable when left intact than when destroyed.' Use evidence from different examples to support and challenge this view. | Suggest one strategy which could be used protect a hot desert environment | |
| What are the causes of desertification | Explain how different stakeholders benefit from economic development in hot desert environments | | | Explain how hot desert environments can create challenges for development | |