

AQA, OCR, Edexcel

GCSE Science

GCSE Biology

Deforestation Answers

Name:

M M E

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Total Marks: /19

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Q1: Define what is meant by the term deforestation.

A= Removal of timber to clear land

(1 mark)

Q2: Give 2 reasons for deforestation.

A= Accept any 2 of the following:

- Grow foods
- Rear Cattle
- Biofuel production

(2 marks)

Q3: What effects on the level of carbon dioxide does deforestation cause?

A= Increase Carbon Dioxide

(1 mark)

Q4: Explain why deforestation causes the loss of mammals and give an example of a rain forest animal at risk.

A= 1 mark for example – Orangutan (or any other acceptable example)

1 mark for each of the following:

- Reduction in food
- Reduction in habitat

(3 marks)

Q5: What undiscovered resource could we be destroying by deforestation.

A= Medicines

(1 mark)

Q6: Define the term monoculture.

A= Replacement of a habitat with one species

(1 mark)

Q7: Explain how peat is produced.

A= Incomplete decay of plant material

(1 mark)

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Q8: Explain why the diminishing number of peat lands and peatbogs is a major environmental problem.

A= 1 mark for each of the following points:

- Carbon Store
- Unique ecosystems

(2 marks)

Q9: What is peat used for?

A= accept one of the following:

- Fuel
- Compost

(1 mark)

Q10: Explain how the UK government is trying to preserve peat and why.

A= 1 mark awarded for the method and 1 mark for the reasoning: accept either of the following:

- Peat free compost – Reduces carbon dioxide
- Preserve bogs – save unique habitats

(2 marks)

Q11: give 2 examples of other materials that can be used to produce compost without the use of peat.

A= Accept any 2 of the following:

- Bark
- Garden waste
- Coconut husks

(2 marks)

Q12: Explain what is meant by the loss of biodiversity.

A= 1 mark for each of the following points:

- Decrease in species
- Unstable ecosystems

(2 marks)