



Student Name: _____

Class: _____

Student ID: _____

Date: {{DATE}}

Assessment Details

Duration: 2 hours	Total Marks: 100
Topics Covered:	<ul style="list-style-type: none">• Biodiversity• Ecosystems• Conservation• Sustainability

Instructions to Students:

1. Read all questions carefully before attempting.
2. Show all working out - marks are awarded for method.
3. Calculator use is permitted except where stated otherwise.
4. Write your answers in the spaces provided.
5. If you need more space, use the additional pages at the end.
6. Time management is crucial - allocate approximately 1 minute per mark.

Section A: Multiple Choice [20 marks]

Question 1

[2 marks]

What is the term for the variety of different species of plants, animals, and microorganisms that live in an ecosystem?

A) Biodiversity

B) Ecosystem

C) Conservation

D) Sustainability

Question 2

[2 marks]

Which of the following human activities can lead to a decrease in biodiversity?

A) Deforestation

B) Pollution

C) Overfishing

D) All of the above

Question 3

[2 marks]

What is the main purpose of conservation efforts?

A) To protect endangered species

B) To preserve ecosystems

C) To promote sustainable development

D) All of the above

Question 4

[2 marks]

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Which of the following is an example of a sustainable practice?

A) Using public transport

B) Reducing energy consumption

C) Recycling waste

D) All of the above

Question 5

[2 marks]

What is the term for the study of the relationships between living organisms and their environment?

A) Ecology

B) Biology

C) Chemistry

D) Physics

Question 6

[5 marks]

Describe the importance of biodiversity in maintaining healthy ecosystems.

Question 7

[5 marks]

Explain how human activities such as deforestation and pollution can impact ecosystems.

Question 8

[5 marks]

What are some strategies for reducing waste and promoting sustainability in your community?

Question 9

[5 marks]

Describe the benefits and drawbacks of using renewable energy sources.

Explain the concept of ecosystem services and provide examples of how humans benefit from them.



Question 11

[20 marks]

Describe and explain two strategies for environmental conservation and sustainability, and evaluate their effectiveness in maintaining healthy ecosystems.

