ENVIRONMENTAL SCIENCE 3205 · NEWFOUNDLAND AND LABRADOR

Environmental Science 3205
Practice Test

Unit A: Introduction to Environmental Science

25 Questions

Original practice test based on the Newfoundland and Labrador curriculum. Work through each question, then check your answers at the end.

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

© 2026 Brett Robbins. All Rights Reserved.



Question 1

Environmental science is the study of interactions between humans and the

A) atmosphere only

B) environment

C) oceans only

D) climate only

Understand It with Pulse

Flag a mistake



Question 2

An ecosystem includes living organisms and the nonliving factors in their

A) food chain only

B) environment

C) population only

D) habitat only

Understand It with Pulse

Flag a mistake

© 2026 Brett Robbins. All Rights Reserved.

Question 3

Abiotic factors in an ecosystem include temperature, water, soil and

A) plants

B) animals

C) sunlight

D) bacteria

Understand It with Pulse Flag a mistake

Question 4

Biotic factors in an ecosystem include plants, animals and

A) rocks

B) water

C) air

D) microorganisms

Understand It with Pulse Flag a mistake



Question 5

The scientific method begins with observations and a testable

A) hypothesis

B) conclusion

C) theory only

D) law only

Understand It with Pulse Flag a mistake

© 2026 Brett Robbins. All Rights Reserved.

Question 6

A controlled experiment changes one variable while keeping other variables

A) changing

B) constant

C) unknown

D) zero

Understand It with Pulse | Flag a mistake

Question 7

In an experiment, the independent variable is the variable that is

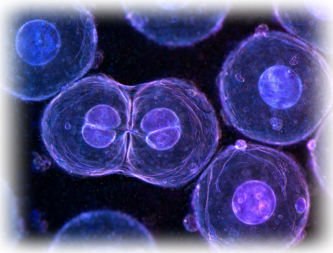
A) measured as a result

B) kept secret

C) changed by the researcher

D) ignored

Understand It with Pulse | Flag a mistake



Question 8

In an experiment, the dependent variable is the variable that is

A) changed by the researcher

B) kept constant always

C) ignored

D) measured as a result

Understand It with Pulse | Flag a mistake

© 2026 Brett Robbins. All Rights Reserved.



Question 9

A model in environmental science is a simplified representation used to understand and predict

A) complex systems

B) single facts only

C) laws only

D) theories only

Understand It with Pulse | Flag a mistake

Question 10

Sustainability means meeting present requirements without compromising the ability of future generations to meet their own

A) wants only

B) needs

C) profits only

D) habits only

Understand It with Pulse | Flag a mistake

© 2026 Brett Robbins. All Rights Reserved.

Question 11

An ecological footprint estimates the land and water area needed to support a person or population and absorb its

A) food only

B) energy only

C) wastes

D) water only

Understand It with Pulse

Flag a mistake



Question 12

Point source pollution comes from a single identifiable source, such as a

A) farm field

B) city street

C) forest

D) factory pipe

Understand It with Pulse

Flag a mistake

© 2026 Brett Robbins. All Rights Reserved.

Question 13

Nonpoint source pollution comes from many diffuse sources, such as runoff from

A) farmland

B) a single pipe

C) a chimney only

D) a landfill only

Understand It with Pulse | Flag a mistake

Question 14

The precautionary principle says that when an action may cause serious harm, lack of full certainty should not be used to postpone

A) research

B) preventive action

C) development

D) monitoring

Understand It with Pulse | Flag a mistake

Question 15

Environmental monitoring over time is important because it can reveal trends and early signs of

A) stability only

B) pollution only

C) change

D) success only

Understand It with Pulse | Flag a mistake

© 2026 Brett Robbins. All Rights Reserved.

Question 16

A study measures 5 sites with 20 samples each. The total number of samples is

Understand It with Pulse Flag a mistake

Question 17

A survey counts 120 households and 30 recycle. The number that do not recycle is

Understand It with Pulse Flag a mistake

Question 18

A footprint is 4 hectares per person for a family of 5. The family footprint in hectares is

Understand It with Pulse Flag a mistake

Question 19

A town of 2000 people uses 4000 litres per day. The use per person in litres is

Understand It with Pulse Flag a mistake

© 2026 Brett Robbins. All Rights Reserved.

Question 20

A sample has 300 items and 60 are plastic. The plastic percentage is

Understand It with Pulse Flag a mistake

Question 21

A monitoring program takes 12 readings per year for 10 years. The total readings is

Understand It with Pulse Flag a mistake

Question 22

A lake study finds 80 fish in 4 nets with equal catches. The fish per net is

Understand It with Pulse Flag a mistake

Question 23

A survey of 500 people finds 350 support recycling. The number who do not support it is

Understand It with Pulse Flag a mistake

© 2026 Brett Robbins. All Rights Reserved.

Question 24

A project plants 25 trees per day for 8 days. The total trees planted is

Understand It with Pulse Flag a mistake

Question 25

A water sample of 1000 millilitres contains 40 millilitres of pollutant. The pollutant percentage is

Understand It with Pulse Flag a mistake

© 2026 Brett Robbins. All Rights Reserved.

ANSWER KEY

1. B
2. B
3. C
4. D
5. A
6. B
7. C
8. D
9. A
10. B
11. C
12. D
13. A
14. B
15. C
16. 100
17. 90
18. 20
19. 2
20. 20
21. 120
22. 20
23. 150
24. 200
25. 4

© 2026 Brett Robbins. All Rights Reserved.