PRINCE EDWARD ISLAND ENVIRONMENTAL SCIENCE 12 · UNIT B

# Environmental Challenges and Successes — Practice Test

**Prince Edward Island Environmental Science 12 • 25 questions**

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.

1 **A city cuts emissions from 1000 tonnes to 800 tonnes. The percent reduction is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A factory cuts waste from 500 tonnes to 400 tonnes. The percent reduction is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A recycling program recovers 300 of 1000 kilograms of paper. The percent recovered is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Climate change is driven mainly by increased**

A greenhouse gases in the atmosphere

B oxygen levels

C moon phases

D ocean tides

Understand It with Pulse | Flag a mistake

5 **Carbon dioxide is a greenhouse gas because it**

A reflects all sunlight

B creates oxygen

C cools the surface

D absorbs infrared radiation

Understand It with Pulse | Flag a mistake

6 **Ozone depletion in the stratosphere was linked mainly to**

A methane only

B nitrogen only

C chlorofluorocarbons

D carbon dioxide only

Understand It with Pulse | Flag a mistake

7 **Acid rain forms when sulfur and nitrogen oxides react with**

A sunlight only

B water in the atmosphere

C soil only

D ocean salt

Understand It with Pulse | Flag a mistake

8 **Eutrophication is excess nutrient enrichment leading to algal blooms and**

A oxygen depletion in water

B increased oxygen

C clearer water

D more fish always

Understand It with Pulse | Flag a mistake

9 **A success story in ozone protection was the**

A Kyoto Protocol only

B Paris Agreement only

C no agreement

D Montreal Protocol

Understand It with Pulse | Flag a mistake

10 **Renewable energy sources include**

A natural gas only

B nuclear fission only

C wind and solar power

D coal and oil

Understand It with Pulse | Flag a mistake

11 **Deforestation reduces**

A greenhouse gases

B carbon storage and habitat

C rainfall always

D soil erosion only

Understand It with Pulse | Flag a mistake

12 **Plastic pollution harms marine life mainly through**

A ingestion and entanglement

B warming water only

C acidification only

D oxygen production

Understand It with Pulse | Flag a mistake

13 **Conservation success often requires monitoring, protection and**

A more harvesting

B ignoring data

C single species focus only

D community involvement

Understand It with Pulse | Flag a mistake

14 **A town reduces water use from 4000 litres to 3000 litres per day. The percent reduction is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **A school recycles 600 of 1500 kilograms of waste. The percent recycled is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **Emissions rise from 800 tonnes to 1000 tonnes. The percent increase is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **A program plants 500 trees per year for 4 years. The total trees planted are**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **A river cleanup removes 1200 kilograms of litter in 6 days at an equal daily rate. The daily removal in kilograms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **A city with 10000 households recycles in 70 percent of them. The recycling household count is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **Energy use falls from 2000 kilowatt hours to 1600 kilowatt hours. The percent fall is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **A city cuts emissions from 4000 tonnes to 3000 tonnes. The percent reduction is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **A factory cuts waste from 800 tonnes to 600 tonnes. The percent reduction is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **A recycling program recovers 450 of 1500 kilograms of paper. The percent recovered is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **A town reduces water use from 6000 litres to 4500 litres per day. The percent reduction is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **A school recycles 800 of 2000 kilograms of waste. The percent recycled is**

ANSWER _____

Understand It with Pulse | Flag a mistake

# ANSWER KEY

1. 20
2. 20
3. 30
4. A
5. D
6. C
7. B
8. A
9. D
10. C
11. B
12. A
13. D
14. 25
15. 40
16. 25
17. 2000
18. 200
19. 7000
20. 20
21. 25
22. 25
23. 30
24. 25
25. 40

© 2026 Brett Robbins. All Rights Reserved.