PRINCE EDWARD ISLAND ENVIRONMENTAL SCIENCE 12 · UNIT E

Natural Resources and Sustainability — Practice Test

Prince Edward Island Environmental Science 12 • 10 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 **Groundwater is replenished by**

- A desalination only
- B infiltration of precipitation
- C evaporation only
- D pumping

Understand It with Pulse | Flag a mistake

2 **A community recycles 50 percent of 4000 kilograms of waste. The recycled mass in kilograms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A forest grows 800 m³ per year and 600 m³ are harvested. The net growth in m³ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A wind turbine produces 1500 watts for 8 hours. The energy in watt hours is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A household cuts electricity use from 1200 to 900 kilowatt hours per month. The percent reduction is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A mine extracts 5000 tonnes of ore with 20 percent usable metal. The metal mass in tonnes is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A farm uses 8000 litres of water per day and saves 10 percent. The litres saved per day are**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A household uses 600 litres of water per day and cuts use by 20 percent. The new daily use in litres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A solar panel produces 300 watts for 3 hours. The energy in watt hours is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A city composts 40 percent of 2000 kilograms of organic waste. The composted mass in kilograms is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	B	**5.**	25	**9.**	900
2.	2000	**6.**	1000	**10.**	800
3.	200	**7.**	800		
4.	12000	**8.**	480		

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