NOVA SCOTIA ADVANCED BIOLOGY 11 · UNIT A · 5 QUESTIONS

Matter and Energy for Life — Practice Test

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 **Scuba diver swimming underwater with a silver oxygen tank. An advanced investigation measures 9 grams of leaf tissue producing 40 units of oxygen per gram. The total oxygen, in units, is**



ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A sample of 4 grams of tissue uses 60 units of oxygen per gram. The total, in units, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Glycolysis takes place in the**

A cytoplasm

B mitochondrion only

C chloroplast

D nucleus

Understand It with Pulse | Flag a mistake

4 **In a chloroplast, light dependent reactions occur in the**

A stroma only

B cell wall

C vacuole

D thylakoid membranes

Understand It with Pulse | Flag a mistake

5 **An advanced investigation measures 25 grams of leaf tissue producing 12 units of oxygen per gram. The total oxygen, in units, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 360
2. 240
3. A
4. D
5. 300

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