MANITOBA BIOLOGY 30S · UNIT A · 10 QUESTIONS

Wellness and Homeostasis — 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 **An object of size 3 units seen at magnification 30 times has image size**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A population of 20 doubles 3 times. Its final size is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The maintenance of a stable internal environment is**

- A photosynthesis
- B homeostasis
- C fermentation
- D osmosis

Understand It with Pulse | Flag a mistake

4 **The molecule that carries genetic instructions is**

A RNA only

B protein only

C DNA

D glucose

Understand It with Pulse | Flag a mistake

5 **The organelle where photosynthesis happens in plant cells is the**

A mitochondrion

B nucleus

C chloroplast

D vacuole

Understand It with Pulse | Flag a mistake

6 **The passing of traits from parents to offspring is**

A evolution

B heredity

C homeostasis

D metabolism

Understand It with Pulse | Flag a mistake

7 **The powerhouse of the cell, where energy is released, is the**

A mitochondrion

B nucleus

C ribosome

D vacuole

Understand It with Pulse | Flag a mistake

8 **The process by which plants make food using sunlight is**

- A photosynthesis
- B respiration
- C fermentation
- D digestion

Understand It with Pulse | Flag a mistake

9 **The process that releases energy from food in cells is**

- A photosynthesis
- B cellular respiration
- C osmosis
- D diffusion

Understand It with Pulse | Flag a mistake

10 **An object of size 9 units seen at magnification 10 times has image size**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	90	**5.**	C	**9.**	B
2.	160	**6.**	B	**10.**	90
3.	B	**7.**	A		
4.	C	**8.**	A		

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