CELL THEORY, MICROSCOPE TECHNIQUES, AND A CLOSER LOOK AT CELLS - PRACTICE TEST | NEW BRUNSWICK BIOLOGY 111-112 · UNIT A · 10 QUESTIONS

Cell Theory, Microscope Techniques, and A Closer Look at Cells — 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 **A microscope has an eyepiece magnification of 10 times and an objective magnification of 60 times. Total magnification is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The control centre of the cell, holding DNA, is the**

A. nucleus

B. cell membrane

C. cytoplasm

D. cell wall

Understand It with Pulse | Flag a mistake

3 **The endoplasmic reticulum transports materials and, when rough, carries**

A chloroplasts

B vacuoles

C lysosomes

D ribosomes

Understand It with Pulse | Flag a mistake

4 **The fluid filled sac that stores water in plant cells is the**

A vacuole

B lysosome

C ribosome

D chloroplast

Understand It with Pulse | Flag a mistake

5 **The organelle that makes proteins is the**

- A lysosome
- B vacuole
- C chloroplast
- D ribosome

Understand It with Pulse | Flag a mistake

6 **The organelle that packages and ships proteins is the**

- A lysosome
- B vacuole
- C nucleus
- D Golgi body

Understand It with Pulse | Flag a mistake

7 **The organelle that produces most of the ATP in a cell is the**

- A nucleus
- B ribosome
- C mitochondrion
- D Golgi body

Understand It with Pulse | Flag a mistake

8 **The structure that controls what enters and leaves a cell is the**

- A nucleus
- B cell membrane
- C ribosome
- D mitochondrion

Understand It with Pulse | Flag a mistake

9

A microscope has an eyepiece magnification of 10 times and an objective magnification of 80 times. Total magnification is

ANSWER

Understand It with Pulse | Flag a mistake

10

A microscope has an eyepiece magnification of 5 times and an objective magnification of 30 times. Total magnification is

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	600	**5.**	D	**9.**	800
2.	A	**6.**	D	**10.**	150
3.	D	**7.**	C		
4.	A	**8.**	B		

© 2026 Brett Robbins. All Rights Reserved.