

Multiple-choice test

Chapter 2: Cells

Click on the correct answer to each question.

- 1 Which structure is found in **all** living cells?
 - A cell membrane
 - B cell wall
 - C chloroplast
 - D starch grain
- 2 Which substance is found in plant cell walls?
 - A cellulose
 - B chlorophyll
 - C chromosome
 - D cytoplasm
- 3 Which structure controls the movement of substances into and out of a cell?
 - A cell membrane
 - B cell wall
 - C cytoplasm
 - D nucleus
- 4 What is chlorophyll?
 - A a green pigment that absorbs energy from light
 - B a substance containing starch grains
 - C jelly-like material inside a living cell
 - D the part of a cell where photosynthesis takes place
- 5 Which term is used for the chemical reactions that take place inside cells?
 - A excretion reactions
 - B metabolic reactions
 - C photosynthesis reactions
 - D respiration reactions

- 6 Which structure is an organ?
- A human being
 - B liver cell
 - C onion epidermis
 - D plant leaf
- 7 A drawing of an ant is 75 mm long. The magnification of the drawing is $\times 15$. What is the real length of the ant?
- A 0.2 mm
 - B 0.5 mm
 - C 5 mm
 - D 1125 mm
- 8 What is defined like this?
A group of organs with related functions, working together to perform body functions.
- A organ
 - B organism
 - C organ system
 - D tissue
- 9 Which is a function of a plant cell wall?
- A to control what goes into and out of the cell
 - B to prevent the cell bursting when it absorbs water
 - C to stop the cell growing too large
 - D to store cellulose
- 10 In which part of a plant cell would you find starch grains?
- A cell wall
 - B chloroplast
 - C nucleus
 - D vacuole