



Name: _____ Class: _____

Functions of the parts of a plant cell

1. What is the role of the cytoplasm in a plant cell ?
 - a. contains genetic material
 - b. area where most chemical processes take place
 - c. controls activities of the cell
 - d. controls movement of substances into and out of the cell
2. Which part of a plant cell contains genetic material and controls the activities of the cell ?
 - a. chloroplast
 - b. cell membrane
 - c. cytoplasm
 - d. nucleus
3. The _____ is responsible for conducting photosynthesis.
 - a. nucleus
 - b. cell membrane
 - c. cell wall
 - d. chloroplast
4. What role does the mitochondrion play ?
 - a. provides the medium for chemical processes
 - b. traps sunlight during photosynthesis
 - c. controls the genetic materials of a cell
 - d. produce energy and regulate cellular metabolism
5. What is the function of the permanent vacuole ?
 - a. provides the medium for chemical processes
 - b. keeps the cell turgid
 - c. controls the genetic materials of a cell
 - d. produce energy and regulate cellular metabolism
6. Identify two differences between plant and animal cells.

7. There is no difference between plant and animal cells.

True

False
8. What role does the cell wall play ?

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