

Name: _____ Date: _____

Cell Structure and Functions

Q1. How are the vacuoles in animal and plant cells different?

Ans. _____

Q2. What is the function of nucleus in a cell?

Ans. _____

Q3. Name the animal cell which is long and has thread like branches.

Ans. _____

Q4. A hen's egg can be seen easily. Is it a cell or a group of cells?

Ans. _____

Q5. Name one cell which can be seen by unaided eye.

Ans. _____

Q6. What is an organ?

Ans. _____

Q7. Why nerve cells are long and have branches?

Ans. _____

Cell Structure and Functions

Q1. How are the vacuoles in animal and plant cells different?

Ans. Plant cell has a big central vacuole unlike a number of small vacuoles in animal cells.

Q2. What is the function of nucleus in a cell?

Ans. Nucleus, in addition to its role in inheritance, acts as control centre of the activities of the cell.

Q3. Name the animal cell which is long and has thread like branches.

Ans. Nerve cell (a neuron) is the only animal cell which is long and has thread like branches.

Q4. A hen's egg can be seen easily. Is it a cell or a group of cells?

Ans. The egg of a hen represents a single cell and is big enough to be seen by the unaided eye.

Q5. Name one cell which can be seen by unaided eye.

Ans. Some cells are big enough to be seen with the unaided eye. Hen's egg is an example.

Q6. What is an organ?

Ans. An organ is a collection of different tissues which work together to perform a particular function in the body of an organism.

Q7. Why nerve cells are long and have branches?

Ans. Nerve cells are long and have branches so that it can receive and transfer messages.