

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Cell Structure and Functions

Q1. What is vacuole?

Ans. \_\_\_\_\_

Q2. What is tissue?

Ans. \_\_\_\_\_

Q3. Which cell receives and transfers messages?

Ans. \_\_\_\_\_

Q4. Name the spindle shaped cells present in the human body.

Ans. \_\_\_\_\_

Q5. What is the basic similarity among all the living organisms (plants and animals)?

Ans. \_\_\_\_\_

Q6. What are prokaryotic cells?

Ans. \_\_\_\_\_

\_\_\_\_\_

Q7. What is the layer outside the cell membrane of a plant cell called?

Ans. \_\_\_\_\_

\_\_\_\_\_

Q8. Name the organelle of a plant cell where photosynthesis takes place.

Ans. \_\_\_\_\_

\_\_\_\_\_

## Cell Structure and Functions

Q1. What is vacuole?

Ans. Any blank-looking structure in the cytoplasm is called vacuole.

Q2. What is tissue?

Ans. A tissue is a group of similar cells performing a specific function.

Q3. Which cell receives and transfers messages?

Ans. The nerve cell (or a neuron) receives and transfers messages.

Q4. Name the spindle shaped cells present in the human body.

Ans. Spindle shaped muscle cells

Q5. What is the basic similarity among all the living organisms (plants and animals)?

Ans. All the living things (plants and animals) are made from cells.

Q6. What are prokaryotic cells?

Ans. Cells without well organised nucleus, i.e. lacking nuclear membrane, are called prokaryotic cells.

Q7. What is the layer outside the cell membrane of a plant cell called?

Ans. In addition to the cell membrane, there is an outer thick layer in cells of plants called cell wall.

Q8. Name the organelle of a plant cell where photosynthesis takes place.

Ans. In plants, photosynthesis takes place in chloroplasts, which contain the chlorophyll.