

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

### Cell Structure and Functions

Q1. State True (T) or False (F).

- i. Unicellular organisms have one-celled body. \_\_\_\_\_
- ii. Muscle cells are branched. \_\_\_\_\_
- iii. Bacterial cell also has a cell wall. \_\_\_\_\_
- iv. The basic living unit of an organism is an organ. \_\_\_\_\_
- v. Amoeba has irregular shape. \_\_\_\_\_
- vi. Cells in the living organisms are complex living structures. \_\_\_\_\_
- vii. A cell wall is present in animal cells. \_\_\_\_\_

Q2. Fill in the blanks.

- i. \_\_\_\_\_ is called the living substance of the cell.
- ii. A \_\_\_\_\_ is a group of similar cells performing a specific function.
- iii. \_\_\_\_\_ in the living organisms are basic structural units.
- iv. Egg white is called the \_\_\_\_\_.
- v. The size of the cell is related to its \_\_\_\_\_.
- vi. Each organ is further made up of smaller parts called \_\_\_\_\_.
- vii. All organisms are made of smaller parts called \_\_\_\_\_.

Q3. Where are genes located?

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

Q4. What is the basic living unit of an organism?

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

Q5. What do chloroplasts contain?

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

Q6. Name the instrument used to study cells.

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

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Q1. State True (T) or False (F).

- i. Unicellular organisms have one-celled body. True
- ii. Muscle cells are branched. False
- iii. Bacterial cell also has a cell wall. True
- iv. The basic living unit of an organism is an organ. False
- v. Amoeba has irregular shape. True
- vi. Cells in the living organisms are complex living structures. True
- vii. A cell wall is present in animal cells. False

Q2. Fill in the blanks.

- i. Protoplasm is called the living substance of the cell.
- ii. A tissue is a group of similar cells performing a specific function.
- iii. Cells in the living organisms are basic structural units.
- iv. Egg white is called the albumen.
- v. The size of the cell is related to its function.
- vi. Each organ is further made up of smaller parts called tissues.
- vii. All organisms are made of smaller parts called organs.

Q3. Where are genes located?

**Ans. Genes are located on chromosomes.**

Q4. What is the basic living unit of an organism?

**Ans. Cell is the basic living unit of an organism.**

Q5. What do chloroplasts contain?

**Ans. Chloroplasts contain chlorophyll.**

Q6. Name the instrument used to study cells.

**Ans. Microscope is used to study cells.**