

Q1: Mark the correct answer.

7 The regular shape of plant cells which is observed under the microscope is due to having:

A vacuoles C cytoplasm
B cell membrane D cell wall

8 Plant cells manufacture their own food due to the presence of a cell part known as:

A vacuole C chloroplast
B cell membrane D cell wall

9 The shape of a human red blood cell is:

A disk-like C short and branched
B flat D pointed at both ends

10 The sizes of most of our body cells are about:

A 1 μm C 100 μm
B 1 mm D 20 μm

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1 One of the following statements is true about all cells.

A They are similar in their size.
B They are similar in their shapes.
C They are similar in their size and shape
D They vary in their sizes and shapes.

2 One of the following is true about cells in our body.

A They are all similar in their sizes, shapes and types.
B They are different in their shapes, sizes and types.
C They are all different only in their sizes but similar in their shapes and types.
D They are all different only in their shapes but similar in their sizes and types.

3 A nerve cell in a human body can be characterized as:

A circular in shape. C long and branched.
B pointed at both ends. D flat and round.

4 The shape of a muscle cell is:

A circular. C flat.
B branched. D pointed at both ends.

5 Skin cells are:

A circular. C flat and thin.
B pointed. D rounded.

1 One of the following is true about cells.

A Cells are generally too small to be seen with the naked eye.
B Cells are the structural and functional units of all life forms.
C Cells are the smallest units that carry out all process of life.
D All of the above

2 One of the following is part of a cell and only found in a plant cell?

A Cell membrane
B Cell wall
C Cytoplasm
D Nucleus

3 One of the followings is a characteristic of a unicellular organism.

A It is made up of many cells.
B It is made up of a single cell.
C It requires the assistance of other cells for its biological activities.
D It is seen with the naked eyes.

4 One of the followings is a unicellular organism.

- A A tree
- B A cat
- C A man
- D A bacterium

5 One of the following parts of a cell is common to all type of cells.

- A Cell wall
- B Large vacuole
- C Small vacuole
- D Chloroplast

Q2: Write short answers of following.

- a) Differentiate between Plant and animal cell and also draw diagram of both.
- b) Differentiate between chloroplast, chlorophyll and photosynthesis.
- c) How do unicellular organisms differ from multicellular organisms?
- d) Write the function of cell membrane, nucleus, and cytoplasm.