

# CELL – STRUCTURE AND FUNCTIONS

Subtopic: The Cell, Organisms show variety in cell number, shape and size.

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## Section 1

1 Mark T for True or F for False.

1 a. The smallest cell is about 1 to 5 mm in bacteria.

1 b. Cell's size is related to the body's size.

2 Choose the correct answer.

Which of the following statements are true?

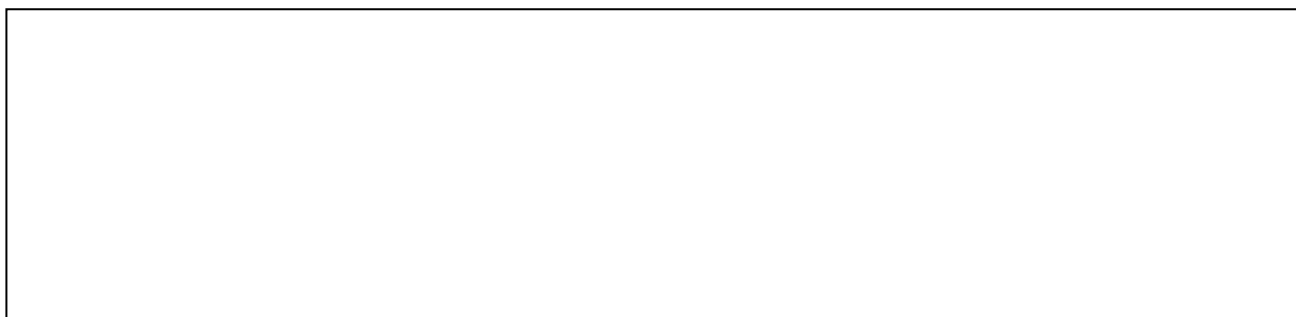
- a) The size of the cell is related to its function.
- b) Cell wall gives shape and rigidity to these cells.
- c) Both a and b
- d) None of the above.

## Section 2

3 Fill in the blanks.

An example of a single cell which can change in shape is \_\_\_\_\_.

4 Draw the following – A Brick wall and an Onion peel.



## Section 3

Answer the questions in brief.

5. How do you say that cell is a basic structural unit?

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6. What is a billion and a trillion?

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7. Compare unicellular and multicellular organisms.

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8. Define 'Pseudopodia'.

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## Section 4

Answer the questions in detail.

9. Explain about the cell and organisms showing variety in cell number. Draw diagrams and give necessary examples.

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10. Explain about the organisms showing variety in shape and size in detail. Draw diagrams and give necessary examples.

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