

## Exercise on Lesson One

### Question 1: Choose the correct answer

1. The basic building unit of living organisms is: (choice: Atom; Cell;Organ;Tissue)
2. Which tool is used to observe cells? (choice: Telescope; Microscope;Magnifying glass;Binoculars)
3. Which of the following organisms is made of only one cell? (choice: Human;Plant; Bacterium;Bird)
4. A bird's egg is an example of: (choice: A small cell; A large single cell;Many cells;Non-living)
5. Robert Hooke observed plant cells in: (choice: 1565; 1665;1765;1865)

### Question 2: Put (✓) for correct and (✗) for wrong

6. Cells are the building units of walls and houses. (truefalse)
7. Cells help living things grow, reproduce, and repair. (truefalse)
8. Animal cells have a cell wall, but plant cells do not. (truefalse)
9. The naked eye can see most animal and plant cells clearly. (truefalse)
10. Hooke was the first to use the word "cell." (truefalse)

### Question 3: Complete the sentences

11. Cells are not found in (non-living). things.
12. Living organisms grow by an increase in the (number). of cells, not their size.
13. The cell membrane controls the (entry). and (exit). of water.
14. All cells have a (cell membrane)., but not all cells have a (nucleus).
15. (Nerve cells, blood cells, muscle cells). are examples of specialized cells in the human body.

### Question 4: Give reasons

16. Living organisms need energy. → (open)
17. Bacteria cannot be seen with the naked eye. → (open)
18. A cell may burst if too much water enters it. → (open)

**Question 5: What happens if ...**

19. The cell membrane fails to control the entry and exit of water? → (open)

20. There were no microscopes? → (open)

**Question 6: Mention the following**

21. Two differences between plant and animal cells → (open)

22. The discoveries made possible by microscopes → (open)

23. Two materials that cells need to survive → (open)

24. Three types of cells in the human body → (open)