

CHAPTER-2 | The Invisible Living World: Beyond Our Naked Eye

QUIZ PART-02

1. Robert Hooke observed cells in:

- A. Leaf
- B. Cork
- C. Blood
- D. Soil (B)

Explanation : He studied thin cork slice.

2. Hooke's microscope magnified objects about:

- A. 20 times
- B. 50 times
- C. 200–300 times
- D. 1000 times (C)

Explanation : His microscope magnified 200–300 times.

3. The term "cell" was first used by:

- A. Leeuwenhoek
- B. Hooke
- C. Darwin
- D. Newton (B)

Explanation : Hooke named them cells.

4. Hooke named them cells.

- A. Father of Botany
- B. Father of Physics
- C. Father of Microbiology
- D. Father of Chemistry (C)

Explanation : He studied microorganisms.

5. A cell is the:

- A. Smallest atom
- B. Basic unit of life
- C. Tissue
- D. Organ (B)

Explanation : Cells form all living beings.

6. Onion peel cells appear:

- A. Round
- B. Rectangular
- C. Spiral
- D. Flat only (B)

Explanation : Onion cells are rectangular.

7. Safranin stain makes cells:

- A. Blue
- B. Pink
- C. Green
- D. Colourless (B)

Explanation : Safranin stains pink.

8. Cytoplasm is present:

- A. Outside cell
- B. Between membrane and nucleus
- C. Inside nucleus
- D. In cell wall (B)

Explanation : Cytoplasm fills cell interior.

9. All living beings are made of:

- A. Organs
- B. Tissues
- C. Cells
- D. Molecules (C)

Explanation : Cells form organisms.

10. Microscope helps to observe:

- A. Mountains
- B. Stars
- C. Cells
- D. Clouds (C)

Explanation : Cells are microscopic.