

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

### QUIZ PART-03

1. Human cheek cells are generally:

- A. Rectangular
- B. Polygon-shaped
- C. Spiral
- D. Rod-shaped (B)

**Explanation :** Cheek cells are polygon-shaped and flat.

2. Onion cells have a:

- A. Cell wall
- B. No nucleus
- C. No membrane
- D. No cytoplasm (A)

**Explanation :** Plant cells have a cell wall.

3. The cell membrane:

- A. Produces food
- B. Controls entry and exit
- C. Stores water
- D. Makes energy (B)

**Explanation :** It regulates materials entering and leaving.

4. Cytoplasm is the site of:

- A. Digestion only
- B. Photosynthesis only
- C. Life processes
- D. Reproduction only (C)

**Explanation :** Many cell activities occur in cytoplasm.

5. The nucleus controls:

- A. Shape only
- B. Growth and activities
- C. Colour
- D. Temperature (B)

**Explanation :** Nucleus regulates cell functions.

6. Plant cells have an extra outer layer called:

- A. Membrane
- B. Cell wall
- C. Cytoplasm
- D. Vacuole (B)

**Explanation :** Cell wall provides rigidity.

7. Chloroplast contains:

- A. Oxygen
- B. DNA
- C. Chlorophyll
- D. Sugar (C)

**Explanation :** Chlorophyll helps in photosynthesis.

8. Vacuoles in plant cells are usually:

- A. Small
- B. Large
- C. Absent
- D. Outside cell (B)

**Explanation :** Plant cells have large central vacuole.

9. Animal cells usually have vacuoles that are:

- A. Large
- B. Absent or small
- C. Outside
- D. Green (B)

**Explanation :** Animal vacuoles are small or absent.

10. The three basic parts of a cell are:

- A. Wall, plastid, vacuole
- B. Membrane, cytoplasm, nucleus
- C. Wall, mitochondria, nucleus
- D. Membrane, wall, plastid (B)

**Explanation :** These are the fundamental parts.