

Yakeen NEET 2.0 - 2026

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(NCERT Booster - 01)

Cell - The Unit of Life

1. Correct
(A) Inanimate have cell
(B) Inanimate do not have cell & Inanimate means living
(C) living thing has cell which is basic unit of life in most of organism
(D) All are incorrect
2. Correct
(A) most of organisms composed of single cell
(B) All organism not composed of cell
(C) most organism made up of many cell : multicellular organism eg bacteria
(D) Fungi, plants & animals : Multicellular
3. How many statements are correct
(a) unicellular organisms have dependent existence
(b) unicellular organism can't perform essential function of life
(c) cell is fundamental but not structural unit
(d) Cell is functional unit in all organism
Option
(A) 0 (B) 1
(C) 2 (D) 3
4. **Assertion (A) :** Anything less than complete structure of cell doesn't ensure independent living
Reason (R) : Cell is fundamental structural & functional unit of most living organism
(A) Both A and R are true and R is the correct explanation of A.
(B) Both A and R are true but R is NOT the correct explanation of A.
(C) A is true but R is false.
(D) A is false but R is true.
5. **Correct**
(A) Anton Von Leeuwenhoek first saw & described dead cell
(B) Brawn discovered Nucleus
(C) invention of light microscope reveal all structural detail of cell
(D) All are incorrect
6. Robert Hooke
(A) he discovered living cell
(B) he discovered dead cell having cytoplasm
(C) he discovered Cork cell in animal
(D) cell was first discovered by Robert hook
7. **Statement-1 :** 1838 Matthias Schleiden, German botanist study large no of plants
Statement-2 : According to schleiden all animals composed of different kind of cells which form tissue of animal
Options
(A) both statements are correct
(B) both statements are Incorrect
(C) statements 1 is correct and 2 is incorrect
(D) None
8. Correct
(A) Schwann, German zoologist studied animal cell
(B) cell had thick outer layer called plasma membrane
(C) He also studies plant tissue and said presence of cell wall is unique character of animal
(D) Schleiden proposed hypothesis body of animal & plant composed of cells & product of cell
9. Correct
(A) Rudolf Virchow formulated cell theory
(B) cell theory explain how new cells are formed
(C) omnis cellula e cellula is Latin statement.
(D) new cell arise by division of pre existing nucleus
10. Incorrect
(A) Final shape to cell theory by Virchow
(B) all cells arise from pre-existing cell
(C) all living cell composed of cells & product of cells
(D) virus is not exception to cell theory

11. Assertion (A) : cells of human cheek has outer membrane as delimiting structure

Reason (R) : cell wall is absent in animal cell

- (A) Both A and R are true and R is the correct explanation of A.
 (B) Both A and R are true but R is NOT the correct explanation of A.
 (C) A is true but R is false.
 (D) A is false but R is true.

12. Correct

- (A) onion cell have cell wall outer boundary just outside cell membrane
 (B) Inside each cell dense membrane bound structure : centrosome
 (C) chromosome contain genetic material basically RNA
 (D) membrane bound organelle absent in Rhizobium & present in Pinus

13. Cytoplasm

- (A) semi fluid region only in eukaryotes
 (B) site of cellular activity in animal cell
 (C) various chemical reaction occur in it to keep cell in animate state
 (D) both (B) & (C) are correct

14. Correct statement

- (a) eukaryote has Golgi body, lysosome, mitochondria Ribosome and all these are absent in prokaryote
 (b) Ribosome is membrane structure
 (c) ribosome also present in ER, chloroplast (animal) & plant (mitochondria)
 (d) animal cell contain non membrane bound structure called centrosome, helps in cell division

Options

- (A) 1 (B) 0
 (C) 2 (D) 3

