

MULTIPLE CHOICE QUESTIONS (MCQS)

1. Who discovered cell for the first time by observing cork?

- (a) Alexander Flaming
- (b) Robert Hook
- (c) Leeuwenhoek
- (d) Charles Darwin

2. The structural and functional unit of life is called

- (a) Tissue
- (b) Cell
- (c) Organ
- (d) Organism

3. Which of the following cells have an irregular shape?

- (a) White blood cells
- (b) Amoeba
- (c) Both (a) and (b)
- (d) None of these

4. The largest cell is (a) Bacteria

- (b) Human neuron
- (c) Egg of an ostrich
- (d) Egg of blue whale

5. A cell with a definite nucleus and nuclear membrane are called as.

- (a) virus
- (b) Plant cell
- (c) Prokaryotic
- (d) Eukaryotic

6. The cell wall is made up of a substance called

- (a) Lignin
- (b) Starch
- (c) Chitin
- (d) Cellulose

7. Which organelle is called the powerhouse of the cell?

- (a) Centrosome
- (b) Lysosomes

(c) Chloroplast

(d) Mitochondria

8. Which one of the following is not unicellular?

(a) Dog

(b) Amoeba

(c) Paramecium

(d) Euglena

9. Which of these is not present in a plant cell?

(a) Cytoplasm

(b) Ribosomes

(c) Cell wall

(d) Centrioles

10. Which of these is also called plasma membrane?

(a) Cytoplasm

(b) Nucleus

(c) Cell-membrane

(d) Vacuoles

11. Colourless plastids in plants are

(a) Chloroplast

(b) chloroplast

(c) Leucoplast

(d) None of these

12. Chlorophyll is present in:

(a) Chloroplast

(b) Leucoplast

(c) Chromoplast

(d) None

13. Which of the following term is not a part of the nucleus?

(a) Ribosome

(b) Nucleolus

(c) Chromosome

(d) Gene

!4. Read the different combinations of terms given below:

(a) Cell wall, cell membrane, nucleus, plastid.

(b) Cell wall, nucleus, ribosome, chromosome

(c) Cell membrane, mitochondria, ribosome, chromosome

(d) Cell membrane, ribosome, mitochondria, chloroplast

The correct combination of terms with reference to an animal cell is

15. A suitable term for the various components of cells is

(a) tissue (b) cell organelles (c) chromosomes (d) genes

16. Under a microscope Paheli observes a cell that has a cell wall but no distinct nucleus. The cell that she observes is

(a) a plant cell (b) a nerve cell (c) an animal cell (d) a bacteria

17. Radha accidentally placed her hand over a flame and immediately pulled it back. She felt the sensation of heat and reacted due to the action of

(a) blood cells (b) skin surface (c) nerve cells (d) nucleus of cells