

1. Choose the correct statement with respect to unicellular organisms:
 - (a) in unicellular organisms, tissues work in co-ordination to perform different functions.
 - (b) unicellular organisms do not require food.
 - (c) unicellular organisms respire and reproduce.
 - (d) all unicellular organisms move by cilia.
2. Majority of cells cannot be seen directly with our naked eyes because:
 - (a) organisms are generally unicellular
 - (b) cells are microscopic
 - (c) cells are present only inside the body
 - (d) cells are grouped into tissues
3. 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 _____
4. Which one of the following term is not a part of the nucleus?

(a) ribosome	(c) chromosome
(b) nucleolus	(d) gene
5. A suitable term for the various components of cells is

(a) tissue	(c) chromosomes
(b) cell organelles	(d) genes
6. The jelly-like fluid substance present in cells is called

(a) protoplasm	(c) chloroplast
(b) chromosome	(d) cytoplasm

7. Read the following pairs of examples of organisms:

(a) moss and sponge	(c) bacteria and blue-green alga
(b) yeast and Amoeba	(d) penicillium and Spirogyra

The pair that belongs to the group prokaryotes is _____

8. Read the following terms and select the pair that is related to inheritance of characters.

- (a) cell wall and cell membrane
- (b) chromosome and mitochondria
- (c) chloroplast and cell membrane
- (d) chromosome and genes

9. Choose the correct statement:

- (a) Genes are located in the chromosomes.
- (b) Cell is located in the nucleus.
- (c) Chromosomes are located in the nucleolus.
- (d) Cell membrane surrounds the nucleus.

10. Green colour of leaves is due to presence of the pigment _____

- (a) chlorophyll
- (b) ribosomes
- (c) mitochondria
- (d) chloroplast

11. The unit of measurement used for expressing dimension (size) of cells is:

- (a) centimeter
- (b) millimeter
- (c) micrometer
- (d) metre

12. The most important function of cell membrane is that it:

- (a) controls the entry and exit of materials from cells.
- (b) controls only the entry of materials into cells.
- (c) controls only the exit of materials from cells.
- (d) allows entry and exit of materials without any control.

13. Pa eli 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

14. Of the following parts of a cell listed below, name the part that is common to plant cell, animal cell and a bacterial cell.

- (a) chloroplast
- (b) cell wall
- (c) cell membrane
- (d) nucleus

15. The thread-like structures present in the nucleus are

(a) nucleolus	(c) genes
(b) chromosomes	(d) ribosomes

16. Identify the statement which is true for cells.

- (a) Cells can be easily seen with naked eyes.
- (b) Insect's egg is not a cell.
- (c) A single cell can perform all the functions in a unicellular organism.
- (d) The size and shape of cells is uniform in multicellular organisms

17. Which of the following is not a cell?

- (a) Red Blood Corpuscle (RBC)
- (b) bacterium
- (c) spermatozoa
- (d) virus

18. Which of the following feature will help you in distinguishing a plant cell from an animal cell?

- (a) cell wall
- (b) cell membrane
- (c) mitochondria
- (d) nucleus

19. 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) an animal cell
- (c) a nerve cell
- (d) a bacterial cell

20. Cheek cells do not have _____

- (a) cell membrane
- (b) nucleus
- (c) golgi apparatus
- (d) plastids

21. Identify the correct statement.

- (a) Tissue is a group of dissimilar cells.
- (b) An organ consists of similar cells.
- (c) Vacuoles are not found in plant cells.
- (d) Prokaryotes do not have nucleus.

22. Which of the following statements are true for eukaryotic cells?

- (i) They do not have a nuclear membrane.
- (ii) They have a well organised nucleus.
- (iii) They have a nuclear membrane.
- (iv) Blue green algae are eukaryotic cell

(a) ii and iv (b) ii and iii
(c) i and ii (d) i and iv

23. Identify the correct statement about cells.

- (a) All the cells have nucleus.
- (b) Cells of an organ have similar structure.
- (c) Cells of a tissue have similar structure.
- (d) Shape of all types of cells is round.