

**Chapter- 4**  
**Worksheet- 3**

1. Nucleus is the control unit of cell. State true or false.
2. The shape and size of cell is related to its function. State true or false.
3. Organs make up tissues. State true or false.
4. The cytoplasm and nucleoplasm make up the protoplasm. State true or false.
5. \_\_\_\_\_ is absent in animal cell.
6. The kitchen of plant cell is \_\_\_\_\_.
7. Genes are located in
  - (a) chromosomes
  - (b) plastids
  - (c) cytoplasm
  - (d) lysosome
8. Cell walls is found in
  - (a) plant cells only
  - (b) animal cells only
  - (c) both (a) and (b)
  - (d) none of them

9. The empty blank looking structures in the cytoplasm is

- (a) vacuoles
- (b) plastids
- (c) plasma membrane
- (d) nucleus

10. Read the following pairs of examples of organisms:

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

The pair that belongs to the group prokaryotes is \_\_\_\_\_.

11. Who discovered cell and when?

12. What is cork?

13. Explain the terms multicellular and unicellular.

14. What are pseudopodia?

15. Why do different cells have different shape?

16. What is the size of the smallest cell and where is it present?

17. What are organs made up of?

18. Name the basic components of cell.

19. What are the functions of a cell wall?

20. Explain in brief nucleus.