

**Chapter-4**  
**Worksheet-1**

1. Chloroplasts are blue in colour. State true or false.
2. Plastid occur in plant cells only. State true or false.
3. Chromosomes contain basic hereditary units called genes. State true or false.
4. Eukaryotes cells have a well-developed \_\_\_\_\_.
5. The jelly-like substance found between the nucleus and the cell-membrane is \_\_\_\_\_.
6. Nucleus is separated from the cytoplasm by \_\_\_\_\_.
7. The other name of cell membrane is
  - (a) plasma membrane
  - (b) cell wall
  - (c) nuclear membrane
  - (d) none of these
8. The basic structural and functional unit of all living organism is
  - (a) cell
  - (b) cell wall
  - (c) cell membrane
  - (d) chloroplasts
9. Chromosomes are found in
  - (a) nucleus
  - (b) nucleolus

- (c) nucleoplast
- (d) vacuole

10. The liquid material in the nucleus is

- (a) chromosomes
- (b) bacteria
- (c) nucleoplasm
- (d) nucleolus

11. All living organisms are made up of?

12. How do scientists observe and study the living cells?

13. Name two unicellular organisms.

14. Write one similarity and one dissimilarity between WBC and amoeba.

15. Where will you find a cell wall?

16. Name the largest cell.

17. What is a tissue?

18. What are the functions of cell membrane?

19. Draw a well labelled diagram of human cheek cell.

20. Differentiate between prokaryotic and eukaryotic cell.

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