

Ch: Cell

Q.1 Fill in the blanks : (1 × 5 = 5 marks)

1. Cell Theory was first given by and
2. The additional protective layer in plants present outside the plasma membrane is called
3. The functions of smooth Endoplasmic Reticulum is
4. Golgi apparatus is known as in plant cells.

Q.2 Very short question answers : (1 × 5 = 5 marks)

5. Name the longest cell of Human body.
6. What is meant by selectively permeable membrane?
7. Name the structure from which all the multicellular organisms develop?
8. What is the main function of Golgi bodies?
9. What is the chemical composition of cell wall in plants?

Q.3 Short Question Answers : (2 × 5 = 10 marks)

10. What is the role of vacuole in plant cells?
11. How is the nucleus different from nucleoid?
12. Differentiate between RER and SER.
13. Name the organelles in animal cells which are bound by a membrane.
14. Write a short note on Mitochondria.

Q.4 Long Question Answers : (2 × 5 = 10 marks)

15. Draw a well labeled diagram of animal cell. Describe the structure of nucleus.
16. Draw a well labelled diagram of plant cell. Mention the double membrane organelles present in a plant cell.

Best of Luck