

THE FUNDAMENTAL UNIT OF LIFE : CELL

Class -IX

Subject – Science

Worksheet Module 2/3

- 1. In plant cell, cell wall is made up of _____.**
- 2. Chromosomes are composed of _____ and _____ .**
- 3. _____ plays a vital role in gaseous exchange between the cell as well as external environment.**
- 4. Give one word answer to the following -**
 - a) Living matter of the cell b) Cell without membrane bound nucleus**
- 5. What is cytoplasm?**
- 6. List the constituents of plasma membrane.**
- 7. Write expanded form of -DNA**
- 8. Differentiate between prokaryotic and eukaryotic cell.**
- 9. De-shelled egg shrinks when placed in highly concentrated salt solution. Give reason**
- 10. What is gene?**
- 11. Define a) Endocytosis b) Plasmolysis.**
- 12. Cell membrane is called selectively permeable membrane. Give reason.**
- 13. Write differences between osmosis and diffusion.**
- 14. Cell wall present in plant cell. Give reason.**
- 15. Plant cell withstand even in very dilute (hypotonic solution). Why?**