

THE FUNDAMENTAL UNIT OF LIFE : CELL

Class -IX

Subject – Science

Worksheet Module 3/3

- 1. Ribosomes are the site of _____ synthesis.**
- 2. _____ is known as kitchen of the cell.**
- 3. _____ is known as power house of the cell.**
- 4. In liver cell, _____ plays a vital role in detoxifying poisons and drugs.**
- 5. Lipids are synthesised by _____ .**
- 6. Coloured plastids are known as _____.**
- 7. Expand – ATP.**
- 8. Differentiate between plant cell and animal cell.**
- 9. Why lysosomes are called 'Suicide bag'?**
- 10. Write function of leucoplasts.**
- 11. What is membrane biogenesis?**
- 12. Write role of big vacuole in plant.**
- 13. Give one word answer to the following -**
 - a) Organelle contain chlorophyll b) An organelle with cristae**
- 14. Name two cell organelles which have their own DNA and ribosomes.**
- 15. What is Cell division? Why is it required?**
- 16. Write differences between mitosis and meiosis?**