

Chapter 5

THE FUNDAMENTAL UNIT OF LIFE

Question and Answers:

1 Who proposed the cell theory first time?

Ans.

Schleiden – Schwann

2 What is the smallest living cell?

Ans.

Mycoplasmas are smallest living cell ranging from 0.3µm.

3 Who discovered the Nuclear?

Ans.

Robert Brown

4 Which is the structural and functional unit of the life?

Ans.

Cell

5. What is the powerhouse of the cell?

Ans.

Mitochondria.

6. Synthesis of fat and steroid hormones occurs in

Ans.

Endoplasmic Reticulum

7. Cellulose, hemicellulose, pectin are constituents of

Ans.

Plant cell wall

8. Which is the site of photosynthesis in plants?

Ans.

Chloroplast

