

CBSE Class 8 Science
NCERT Exemplar Solutions
CHAPTER 8
Cell – Structure and Functions

VERY SHORT ANSWER QUESTIONS

25. In leaves, name the cell organelle and pigment that is responsible for green colour.

Ans. In leaves, there are scattered small coloured bodies in the cytoplasm called plastids. Some of the plastids contain a green pigment called chlorophyll responsible for the green colour of the leaves. The Green coloured plastids are known as chloroplasts.

26. The instrument used to observe cells is _____

Ans. Microscope. It helps us to see minute objects clearly.

27. We do not sense any pain when we clip our nails or cut our hair. Why?

Ans. Nails and hair are both made up of dead cells. They do not have nerve cells. Hence we don't feel the pain when they are cut.

28. In a cell, where are the genes located?

Ans. Nucleus/chromosomes.

29. Amoeba and Paramecium belong to which category of organisms?

Ans. Unicellular and Eukaryotic/Protozoan.

30. What are the functions of cell wall in plant cells?

Ans. Cell wall protects the cell contents, gives shape to the cell.
