

**CLASS –IX**

**Biology**

**Date:-21/04/2020**

Study from the video uploaded (part:-4) chapter 'cell' and then write the answer of these questions in your notebook and learn it properly.

1. What is the function of plasma membrane?
2. Find out the difference between cell wall and cell membrane.
3. What is *plasmolysis*?
4. Write brief notes on structure and function of the *nucleus*?
5. Write down the difference between *nucleus* and *nucleoid*.
6. Define the following:-
  - Prokaryotic cell
  - Eukaryotic cell
  - Nucleus

Tally your answers here:  
(Questions given on 20/04/20).

1. Nucleus is a spherical or oval darkly stained structure. It lies usually in the centre of an animal cell, but is displaced to one side in plant cells due to the development of large vacuole. *It is also known as the CONTROL CENTRE FOR THE CELL.*
2. Nucleus was discovered by *ROBERT BROWN* in 1831.
3. The nucleus consists of the following:-
  - Nuclear envelope
  - Nucleoplasm
  - Nucleolus
  - Chromatin network.