

I. Very short questions :

- 1) Name the organs of generalized structure of a cell.
- 2) Give two functions of endoplasmic reticulum.
- 3) What are eukaryotic cells? Give two examples.
- 4) Give one function of golgi apparatus.
- 5) Why does a plant cell shrink when kept in hypertonic solution.

II. Short questions :

- 1) What is the difference between endosmosis and exosmosis? Give one example.
- 2) Write two characteristics features of sclerenchyma.
- 3) Why are chloroplasts called " Kitchen of the cell".
- 4) What for ATP stands? Why is it called energy currency of the cell?
- 5) Why are lysosomes called " Suicidal bags" of the cell?

III. Long questions:

- 1) Draw a prokaryotic cell with neat labelling.
- 2) Explain the location and functions of different types of meristematic tissue.
- 3) Write differences between plant and animal cell.