

NORTH-EX PUBLIC SCHOOL (Session 2020-21)

CLASS – IX

Subject: Biology

Worksheet: 7 (Revision)

Attempt all questions in your notebook

1. Answer the following questions:
 - a) Plasma membrane is made up of which two components ?
 - b) What is the intracellular source of digestive enzyme ?
 - c) Name two structure found in animal cells but not in plant cells?
 - d) Which organelle is the storage sac of solid and liquid material?
2. Why is the Golgi apparatus called the secretary organelle of the cell?
3. How is Bacterial cell different from onion peel?
4. Differentiate between Diffusion and Osmosis.
5. Differentiate between rough and smooth endoplasmic reticulum. How is endoplasmic reticulum important for membrane biogenesis?
6. Draw a neat labelled diagram of an animal cell.
7. With the help of diagram explain the structure of mitochondria?
8. Why lysosome Known as suicidal bag of the cell?
9. In Brief state what happens when:
 - a) Dry apricots are left for some time in pure water and later transferred to sugar solution?
 - b) A red blood cell is kept in concentrated saline solution ?
 - c) The plasma membrane of a cell breaks down ?
10. How will absence of any one of the cell organelle affect the cells working ?