

**DELHI PUBLIC SCHOOL JAMMU**

**SESSION-2021-2022**

**REVISION SHEET**

**CLASS-IX**

**SUBJECT-BIOLOGY**

**FUNDAMENTAL UNIT OF LIFE:CELL**

1. Name two cell organelles having their own genetic material.
2. Which organelle is the storage sac of solid and liquid materials?
3. Do you agree “A cell is a building unit of an organism”. If yes, explain why.
4. a) Which organelle is known as the powerhouse of the cell? Why  
b) Why are lysosomes known as suicide bags?
5. What do you mean by selectively permeable membrane? Which of the two cell wall or plasma membrane have this feature?
6. Write any four differences between diffusion and osmosis.
7. a) Define the following terms:
  - i) Hypertonic solution
  - ii) Chromosomes
  - iii) Phagocytosis
  - iv) Protoplasmb) What happens to the resins when they are placed?
  - (i) In water?
  - (ii) In salt water?
8. Differentiate between rough and smooth endoplasmic reticulum. How is endoplasmic reticulum important for membrane biogenesis?
9. What is cell division? Briefly explain the two types of cell division.

10.a) Draw a well labelled diagram of a eukaryotic cell.

b) How is a prokaryotic cell different from a eukaryotic cell?

Send ur Answers here :

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