

The Cell

Time: 40 mins

Marks: 35

1. MCQ question 1×5=5
 - a. This scientist used a compound microscope to view cork cells

Leewenhoek	Hooke
Archimedes	Pasteur
 - b. This cell has a large, central vacuole

Lung cell	White Blood Cell
Heart Muscle Cell	Root Hair Cell
 - c. This cell has no definite shape

Paramecium	Amoeba
Red Blood Cell	Chlamydomonas
 - d. This organelle contains chlorophyll

Nucleus	Cytoplasm
Cell wall	Plastid
 - e. Organisms that are made of only a single cell is called

Organelles	Simple Cell
Multicellular	Unicellular
2. Very short answer type question 1×10=10
 - a. The size of cell is measured by which unit?
 - b. What is Cell Division?
 - c. What is Nucleoplasm?
 - d. What is Cell Wall?
 - e. What are Organelles?
 - f. What is Microscope?
 - g. What is Cell?
 - h. What are Plastids?
 - i. What are the functions of Lung Cell?
 - j. What are Unicellular Organisms?
3. Short answer type question 2×5=10
 - a. What are the functions of Cell Membrane?
 - b. Write three differences between Chloroplast, Chromoplast and Leucoplast?
 - c. Plastids are how many types? Define them
 - d. What are the functions of Root Cells and Leaf Cells
 - e. Write 5 differences between Plant Cells and Animal Cells
4. Draw a labelled diagram of 5×2=10
 - a. Plant cell
 - b. Nucleus