

MAHESH PUBLIC SCHOOL, JODHPUR

WORKSHEET - 2

CLASS IX

subject – SCIENCE

Chapter : Fundamental Unit Of Life

MCQ's:

1. Colourless plastids are known as
 - (a) Chromoplasts
 - (b) Chloroplasts
 - (c) Leucoplasts
 - (d) Protoplast
2. Animal cell lacking nuclei would also lack in
 - (a) Ribosome
 - (b) Lysosome
 - (c) Endoplasmic reticulum
 - (d) Chromosome
3. The phenomenon by which protoplast of a cell shrinks from the wall is
 - (a) Osmosis
 - (b) Plasmolysis
 - (c) Diffusion
 - (d) Glycolysis
4. Which of the following are examples of prokaryotes?
 - (a) Algae
 - (b) Fungi
 - (c) Bacteria
 - (d) Protozoa
5. The barrier between the protoplasm and the outer environment in an animal cell is
 - (a) Cell wall
 - (b) Plasma membrane
 - (c) Nuclear membrane
 - (d) Cytoplasm

FILL IN THE BLANKS:

1. In human body, _____ cells can change their cells.
2. _____ controls all the activities of cell.
3. _____ is called powerhouse of cell.
4. Chloroplasts are found only in _____ cells.
5. _____ are the sites of photosynthesis..

SHORT QUESTIONS:

- Q1.** Explain the types of Plastids in brief.
- Q2.** Explain the functions and structure of Golgi bodies.
- Q3.** What is nucleoid?
- Q4.** What is the difference between plant cells and animal cells?
- Q5.** What are suicidal bags (lysosomes)?
- Q6.** What is the function of chromosomes?
- Q7.** Name the smallest cell in human body?
- Q8.** Which is the largest cell in human body?
- Q9.** Why Plant cells are are more rigid than animal cells?
- Q10.** Explain the process of osmosis in detail.