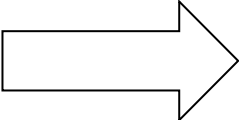



CELL: STRUCTURE AND FUNCTION**GRADE: VIII****WORK SHEET - 1****SUBJECT: BIOLOGY****I. ANSWER IN ONE WORD:**

1. What is called the powerhouse of the cell?
2. The thread-like network in cell nucleus is called _____.
3. What is called the suicidal bags?
4. The unit of measurement used for expressing dimension (size) of cells is _____.
5. The jelly-like substance that makes up most of the inside of the cell.
6. Cytoplasm and nucleus make _____.
7. Number of chromosomes in a human cell.
8. Name one example of prokaryotic cell.
9. Group of cells performing a specific function are called _____.
10. The other name of cell membrane is _____.

II. MATCH THE FOLLOWING:

COLUMN A 	COLUMN B 
1. Red blood cells	a. Flat
2. Muscle cells	b. Wiggly tail
3. Sperm cells	c. Carry oxygen
4. Nerve cells	d. Movement
5. Skin cells	e. Elongated cell
6. Amoeba	f. Unicellular
7. Blood	g. Flowers
8. Bacteria	h. WBC
9. Paramecium	i. Pseudopodia
10. Chromoplast	j. Smallest cell

II. UNSCRAMBLE THE GIVEN WORDS:

Identify and write the names of cell organelles from the given jumbled letters.

1. LSISPATD _____
2. RBSMSIOOE _____
3. AULSVCOE _____
4. ETRSMECNOO _____
5. OLIGG BDEOIS _____

IV. MULTIPLE CHOICE QUESTIONS:

1. Genes are located in _____.
 - a) Nucleus
 - b) Cell wall
 - c) Mitochondria
2. Functions of a cell are controlled by _____.
 - a) Cell membrane
 - b) Cytoplasm
 - c) Nucleus
3. Fluid filled bags within the cell are known as _____.
 - a) Mitochondria
 - b) Chromosomes
 - c) Vacuole
4. The largest cell in the living world is _____.
 - a) Bacterium cell
 - b) Ostrich egg
 - c) Human cell
5. Cell wall is made up of _____.
 - a) Proteins
 - b) Lipids
 - c) Cellulose
6. The cell wall is made of a non-living material known as _____.
 - (a) Chromosome
 - (b) Nucleic acid
 - (c) Cellulose

7. Food-making structures found in the cells of green plants are called _____.
(a) Chloroplasts
(b) Chromosomes
(c) Mitochondria
8. The cells capable of changing shapes are _____.
a) Amoeba cell
b) WBC
c) Both of these
9. Hen's egg is a _____.
a) Tissue
b) Organ
c) Cell
10. The functional unit of life is called _____.
a) Cell
b) Egg
c) Nucleus

IV. CROSS WORD PUZZLE:

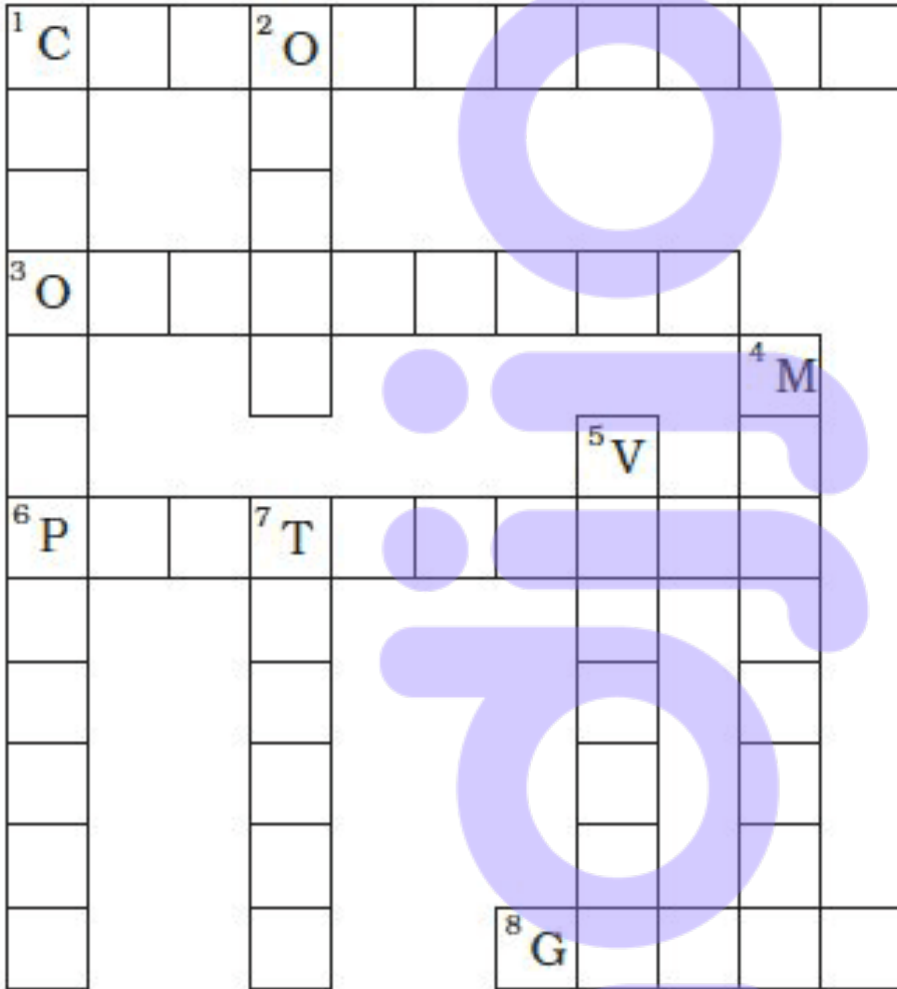
Complete the crossword with the help of clues given below.

Across

1. This is necessary for photosynthesis.
3. Term for component present in the cytoplasm.
6. The living substance in the cell.
8. Units of inheritance present on the chromosomes.

Down

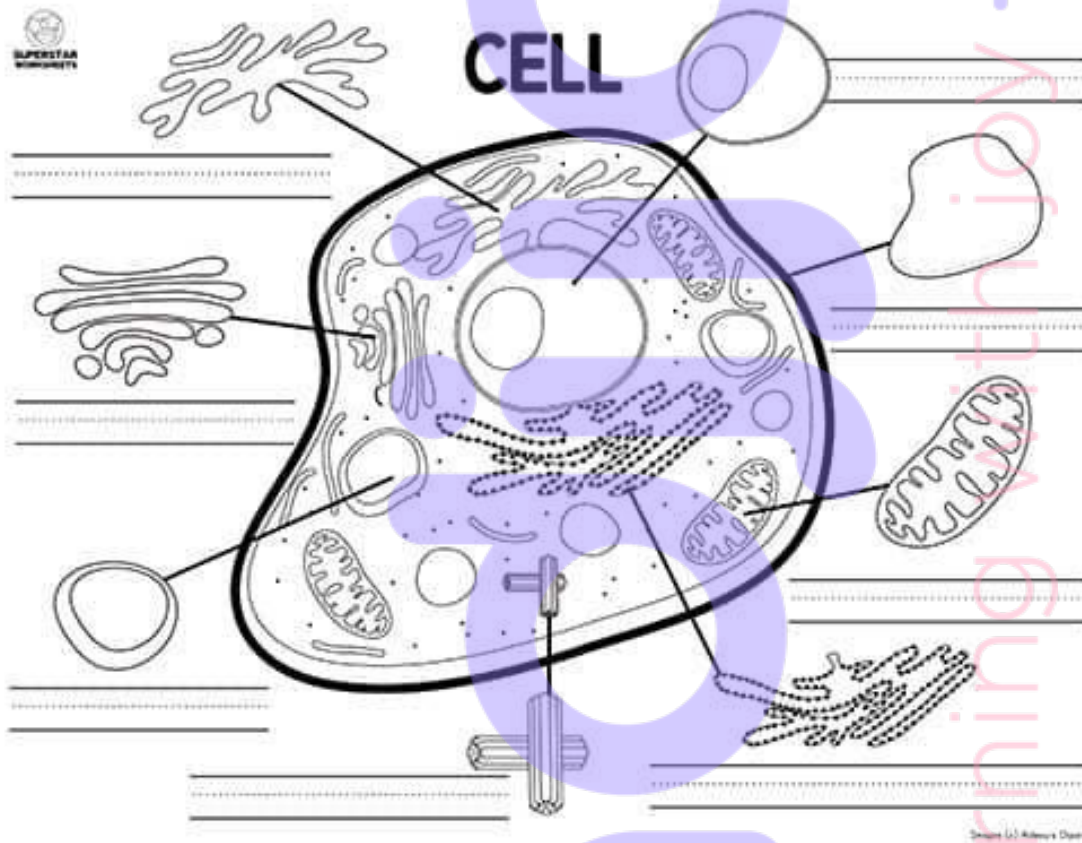
1. Green plastids.
2. Formed by collection of tissues.
4. It separates the contents of the cell from the surrounding medium.
5. Empty structure in the cytoplasm.
7. A group of cells.



V. STATE WHETHER THE FOLLOWING STATEMENT IS TRUE OR FALSE: (If it is true color the smile)

1. Unicellular organisms have one-celled body. 😊
2. Muscle cells are branched. 😊
3. The basic living unit of an organism is an organ. 😊
4. Amoeba has irregular shape. 😊
5. Most of the cells have nucleus. 😊
6. The shape of muscle cells is cylindrical and spindle. 😊
7. Neurons are the smallest cells present in the human body. 😊
8. The ostrich unfertilized egg is the largest cell in the world. 😊
9. Cell wall is present in animals only. 😊
10. A prokaryotic cell does not have a nuclear membrane. 😊

VI. a) Identify the parts of the given cell and name them.



b) Given below is the controlling centre of the cell, name and label the parts.

