

# Sri Vidyaniketan Public School- Sriramnagar

Class: 9

Unit-1

Subject: BIOLOGY

Topic: THE FUNDAMENTAL UNIT OF LIFE

## Worksheet-3

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### I. Choose the correct option:

1. Which is commonly known as Power house of the cell \_\_\_\_\_  
a) Mitochondria    b) Lysosomes    c) Plastids    d) Golgi complex
2. Which of the following has double membrane \_\_\_\_\_  
a) Mitochondria    b) Plastids    c) Endoplasmicreticulum    d) Both A and B
3. Plastids are present in \_\_\_\_\_  
a) Plants    b) Animals    c) Virus    d) None of the above
4. Single vacuole is present in \_\_\_\_\_ cells  
a) Plants    b) Animals    c) Bacteria    d) None of the above
5. Identify the correct statement \_\_\_\_\_  
a) An organ consists of similar cells  
b) Vacuoles are not found in plant cells  
c) Prokaryotes do not have nucleus.  
d) Tissue is a group of dissimilar cells.

**II. Fill in the blanks:**

1. The green colour pigment is present in plants is called\_\_\_\_\_
2. In \_\_\_\_\_cell division daughter cells have same number of chromosomes.
3. \_\_\_\_\_ is responsible for the colour in flowers and fruits.
4. Meristematic tissue is also known as\_\_\_\_\_
5. Which type of meristematic tissue is responsible for the growth in plants\_\_\_\_\_