

## SCIENCE WORKSHEET – 01

### Topic: Science 2 Multiple Choice Question

Marks:10

Instructions:

- Read each question carefully.
- Choose the correct option (A, B, C, or D).
- Only one option is correct for each question.

- The basic structural and functional unit of life is:**  
A. Organ                                      B. Tissue  
C. Cell                                         D. Organ system  
Answer: \_\_\_\_\_
- Which cell organelle is known as the “powerhouse of the cell”?**  
A. Ribosome                                 B. Nucleus  
C. Mitochondria                             D. Vacuole  
Answer: \_\_\_\_\_
- Which of the following is present only in plant cells?**  
A. Cell membrane                         B. Ribosome  
C. Cell wall                                    D. Mitochondria  
Answer: \_\_\_\_\_
- The jelly-like substance inside the cell is called:**  
A. Protoplasm                                B. Cytoplasm  
C. Cell sap                                     D. Nucleoplasm  
Answer: \_\_\_\_\_
- Which organelle controls all the activities of the cell?**  
A. Ribosome                                 B. Golgi apparatus  
C. Nucleus                                    D. Vacuole  
Answer: \_\_\_\_\_
- The green pigment found in chloroplast is:**  
A. Carotene                                  B. Xanthophyll  
C. Chlorophyll                               D. Haemoglobin  
Answer: \_\_\_\_\_
- Which process takes place in mitochondria?**  
A. Photosynthesis                         B. Respiration  
C. Transpiration                            D. Excretion  
Answer: \_\_\_\_\_
- Which cell organelle is responsible for protein synthesis?**  
A. Ribosome                                 B. Lysosome  
C. Golgi body                                D. Vacuole  
Answer: \_\_\_\_\_
- The selectively permeable membrane of the cell is called:**  
A. Cell wall                                    B. Plasma membrane  
C. Nuclear membrane                     D. Cytoplasm  
Answer: \_\_\_\_\_
- A group of similar cells performing a specific function is known as:**  
A. Organ                                        B. Tissue  
C. System                                      D. Organism  
Answer: \_\_\_\_\_

ALL THE BEST 🍀