



# INDIAN SCHOOL NIZWA - WORKSHEET

## BIOLOGY CH-10 CELL

Name: \_\_\_\_\_

Class: XI-A

Date: \_\_\_\_\_

- 1 . Who proposed the cell theory? What are the two main features of cell theory?
2. Describe the structure of prokaryotic cell.
3. Draw a well labeled diagram of eukaryotic plant cell & animal cell.
- 4 Explain the fluid mosaic model of plasma membrane with the help of neat labeled diagram
- 5 Explain the various components of endomembrane system.
- 6 Describe the structure and function of Mitochondria.
- 7 Differentiate the three different types of chloroplasts.
- 8 Explain the structure of cilia & flagella with diagram
- 9 How can you differentiate the followings?
- 10     The plant cell from an animal cell  
       (ii)RER & SER.  
       (iv) Amyloplasts , elaioplasts & aleuroplast
- 11 Describe the ultra structure of Nucleus.
- 12 . Explain how the chromosomes are classified based on the position of centromere.
- 13 . What are nuclear pores? State their function.
- 14 Draw the structure of golgibodies, endoplasmic reticulam, nucleus



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