

## Cells—Structure and function 8th

- 1) Who observed cell first time and where he observed this cell? Why is it named as cell?
- 2) Cell is structural n functional unit of an organism? Explain.
- 3) What is cell membrane? Explain its main function?
- 4) While preparing a slide why do we put any color solution? And name this solution?
- 5) What is cytoplasm? Name four organelles of cell?
- 6) What is nucleolus? what is the function of nucleus?
- 7) Differentiate between prokaryotes and eukaryotes? give two examples of each?
- 8) Differentiate between plant and animal cell? draw neat and labeled diagram of any one.
- 9) Make a sketch of the human nerve cell. What function do nerve cells perform?
- 10) Explain why chloroplasts are found only in plant cells?
- 11) Fill the blanks –
  - a) This is necessary for photosynthesis\_\_\_\_\_
  - b) Term for component present in the cytoplasm\_\_\_\_\_
  - c) The living substance in the cell \_\_\_\_\_
  - d) The living substance in the cell \_\_\_\_\_
  - e) Unit of inheritance present on the chromosomes\_\_\_\_\_
  - f) Formed by collection of tissues\_\_\_\_\_
  - g) Empty structure in the cytoplasm\_\_\_\_\_
  - h) A group of cells\_\_\_\_\_