

## Important Questions - Tissues

- (1) Describe the structure and function of different types of epithelial tissues. Draw the diagram for each type of epithelial tissue. [5 marks]
- (2) Briefly describe striated and smooth muscles with their function.
- (3) What is a permanent tissue? Classify permanent tissues and describe them.
- (4) Describe the types of connective tissues along with their function.
- (5) Give reasons :
  - (a) Meristematic cells have a prominent nucleus and dense cytoplasm but they lack vacuole.
  - (b) Inter cellular spaces are absent in sclerenchymatous tissues.
  - (c) We get a crunchy and granular feeling when we chew pear fruit.
  - (d) Branches of a tree move and bend freely in high wind velocity.
  - (e) It is difficult to pull out the husk of a coconut tree.
- (6) Name the tissue which forms the lining of blood vessels. (1 mark)
- (7) Draw a neat and well labelled diagram of neuron. What part of our body is composed of nervous tissue?
- (8) Explain three functions of epidermis in plants. What changes take place in the epidermis as the plant grows older?
- (9) Differentiate between : (a) Tendons and Ligaments  
(b) Apical meristem and lateral meristem.
- (10) What are the features that best describe the cells of a sclerenchyma? (1)