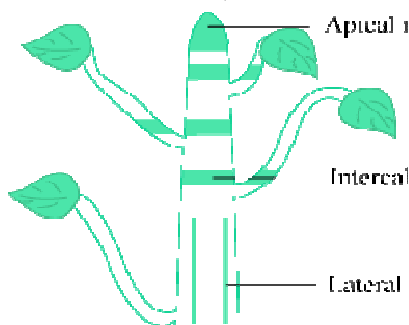


QUESTION BANK  
BIOLOGY  
Class IX

Tissues

1. Draw a labeled diagram of neuron. 2
2. Write one term for the following:
  - a) joins muscle to bone
  - b) fat reservoir of our body
  - c) supporting, fills the space inside the organs and help in repair of tissues 3
3. Label the diagram and give one function each of a,b and c 3



4. State the role of tendon and ligament in our skeletal system. 2
5. Draw a labeled diagram of a tissue that transmits stimulus in our body. How does this tissue enables animal to move rapidly in response to stimuli? 3
6. a) State one point of difference between xylem and phloem. 3  
b) Draw a neat diagram of xylem vessel and a tracheid. 3
7. A horse and a mango tree both are complex living organisms with specialized yet different tissue systems to perform basic life processes. Give two reasons for possessing different tissues to perform similar function. 2
8. Write two basic structural differences between parenchyma and collenchyma tissues. 2
9. a) Uma started walking fast when she noticed some unknown faces are following her. Name the two types of tissues which facilitated the movement of her leg bones in response to stimulus. 3  
b) Draw a diagram of any one of the above mentioned two tissues and label any two parts. 2
10. a) Voluntary muscles are also known as skeletal muscles. Justify. 3  
b) Give two structural characteristics of these voluntary muscles. 2
11. State any one distinguishing feature and one similarity between two types of transporting tissues in plant. 3
12. Identify the simple permanent plant tissue with the following description and also mention their location in plant body: 3
  - a) Cells have irregular wall thickenings
  - b) Tissues with large intercellular spaces and cells having large air cavity
  - c) Cells are long narrow and dead in nature
13. Identify the animal tissue from the given description and also mention their location in the human body: 3
  - a) cells are filled with fat globules and tissues acts as an insulator
  - b) has cylindrical branched cells and tissues show rhythmic relaxation and contraction throughout life. 3
14. Write three distinguishing features between cells of meristematic tissue and permanent plant tissue. 3
15. Write location and one function of each of the following: 3
  - a) cuboidal epithelium
  - b) Glandular epithelium
  - c) columnar epithelium
16. a) Draw the adipose connective tissue 3  
b) Mention one region in the body where it is present and state one function of this tissue. 2
17. List any four features of meristematic tissue. 2

18. Give the location & functions of the following tissues:

a) cartilage

b) areolar tissue

c) adipose tissue