

## Biology worksheet Grade IX

### Tissues-Animal Tissue

Name the following:

1. Protective tissue in animal body
2. The tissue responsible for movement in our body
3. The connective tissue that transport digested food, gases, waste materials etc to different part of body
4. Tissue present in brain.
5. Tissue that connects between two bones in humans
6. Tissue that store fat in our body
7. Tissue that connect muscle to bone in humans

Fill in the blanks:

1. Short branched part of a neuron is called\_\_\_\_\_.
2. Cardiac muscles are \_\_\_\_\_.
3. Muscles contain \_\_\_\_\_which contract and relax to cause movement.
4. \_\_\_\_\_smoothens bone surfaces at joints.
5. Bone matrix is rich in \_\_\_\_\_.
6. \_\_\_\_\_forms the framework that support the body.
7. Bone cells are embedded in hard matrix composed of\_\_\_\_\_ and\_\_\_\_\_.

Identify the type of epithelial tissue in the following:

1. Lining of mouth
2. Lining of intestine
3. Respiratory tract
4. Skin
5. Lining of kidney tubule

Answer the following:

1. Differentiate between tendon and ligament.
2. What are the functions of areolar tissue?
3. Explain the features of cardiac muscles.
4. Differentiate between striated and unstriated muscles.
5. What is the specific function of neuron?
6. Differentiate between bone and cartilage.
7. What are the features of epithelial tissue?
8. What are the functions of epithelial tissue?
9. Diagrammatically show the difference between three types of muscle fibres.
10. What is the specific function of the cardiac muscle?
11. Differences between bone and cartilage.
12. Explain different types of epithelial tissues.
13. Why would cells need oxygen?

14. Define voluntary muscles.
15. Why skeletal muscles are called striated muscles?
16. Draw the labelled diagram of a neuron.

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