

Science

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(Chapter 6)(Tissues)(Intext Questions)
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Question 1:

Name the tissue responsible for movement in our body.

Answer 1:

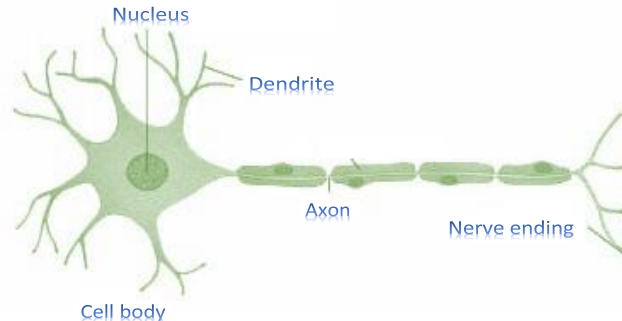
The muscular tissue is responsible for movement in our body.

Question 2:

What does a neuron look like?

Answer 2:

A neuron consists of a cell body with a nucleus and cytoplasm. It has two important extensions known as the axon and dendrites. An axon is a long thread-like extension of nerve cells that transmits impulses away from the cell body. Dendrites, on the other hand, are thread-like extensions of cell body that receive nerve impulses. Thus, the axon transmits impulses away from the cell body, whereas the dendrite receives nerve impulses. This coordinated function helps in transmitting impulses very quickly.



Question 3:

Give three features of cardiac muscles.

Answer 3:

Three features of cardiac muscles are:

- (i) Cardiac muscles are involuntary muscles that contract rapidly, but do not get fatigued.
- (ii) The cells of cardiac muscles are cylindrical, branched, and uninucleate.
- (iii) They control the contraction and relaxation of the heart.

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Question 4:

What are the functions of areolar tissue?

Answer 4:

Functions of areolar tissue:

- (i) It helps in supporting internal organs.
- (ii) It helps in repairing the tissues of the skin and muscles.