

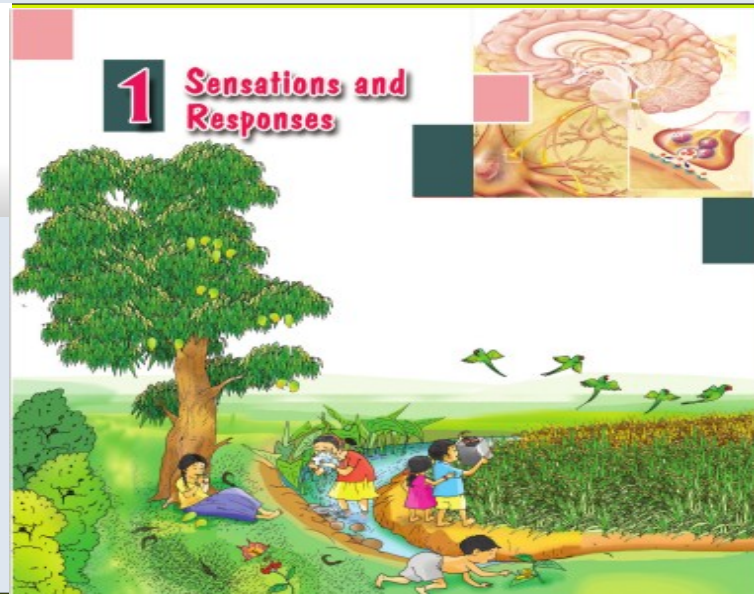
INTERBELL STUDENT SUPPORT MATERIAL A JOINT VENTURE OF DIET PALAKKAD & SSK

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BIOLOGY STD 10

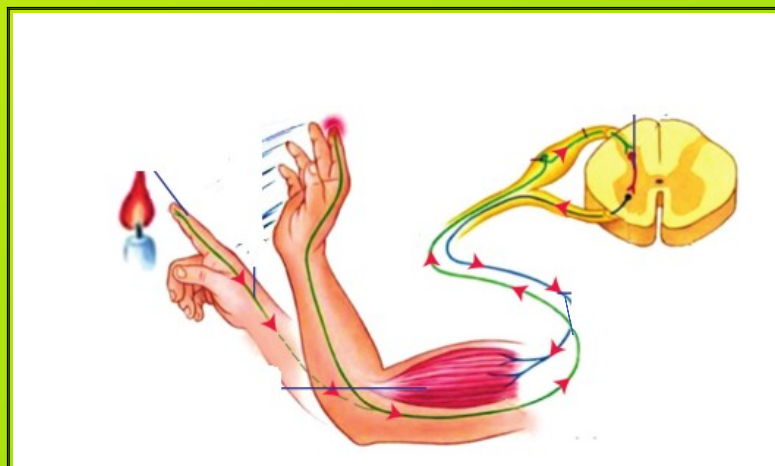
FIRST BELL-2 ONLINE CLASS NO : 07

15 - 07 - 2021



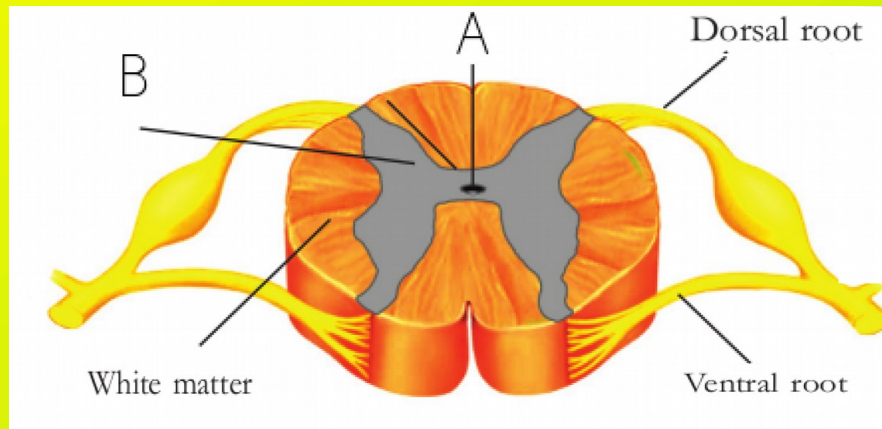
1. Observe the picture and answer the following questions.

- Name the action given in this figure.
- Prepare a flowchart showing the impulse transmission in this process.
- Name the process of transmission of impulses.



2. " All reflex actions take place under the control of the spinal cord ".
Evaluate the statement. Justify with suitable example.

3. Observe the picture and answer the following questions.



a) Identify A and B

b) What are the peculiarities of the impulses which are transmitted through the dorsal root and ventral root.

4. " The spinal cord is protected as well as the brain ".

Do you agree with this statement? why?

5. Make suitable pairs using the information given in the box

**Spinal cord, 12pairs, Central canal,
Cranial nerves, Protection, Spinal nerves, Skull**

6. Correct the statements given below by replacing the underlined words alone, if found incorrect

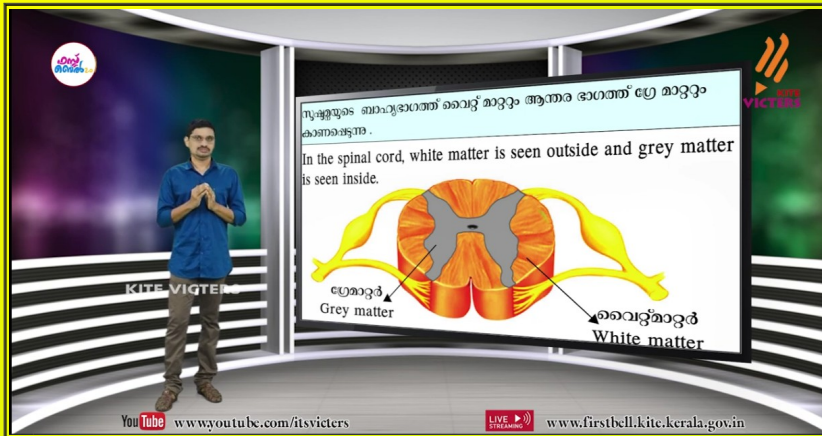
(a) There are 62pairs of spinal nerves arising from the spinal cord.

(b) The spinal cord is covered by a membrane called pericardium.

7. Rewrite the flow chart in correct sequence.

Receptor → Stimulus → Sensory neuron → Motor neuron
Inter neuron → Related muscle

8. Construct a model of a section of spinal cord by using waste materials.



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