

## Revision Sheet Paper 4

### Nervous System

#### Q.1.A.Label:

1. Cell body.....
2. Dendrites.....
3. Axon.....

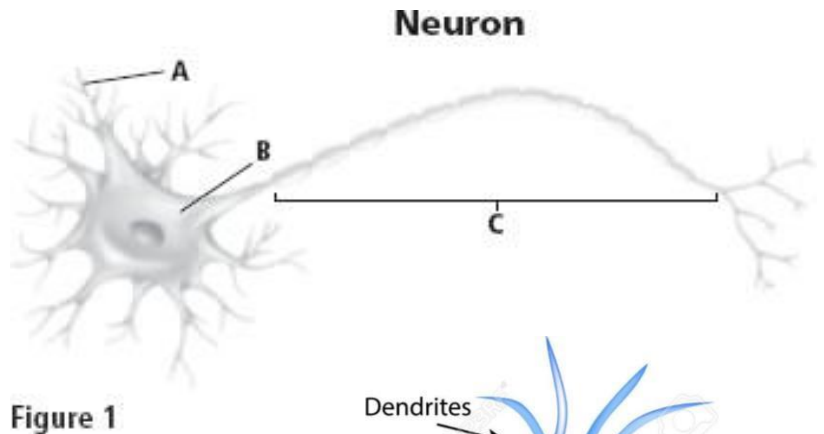


Figure 1

**A- Sensory Neuron**

**B- Motor neuron**

4. The neuron in figure 1 is a ----- neuron.
5. The neuron in figure 2 is a ----- neuron.

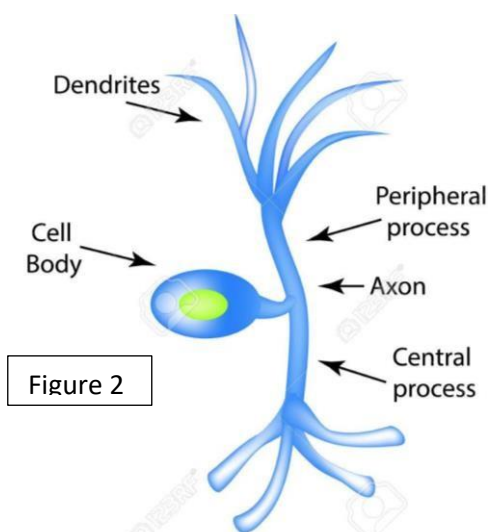
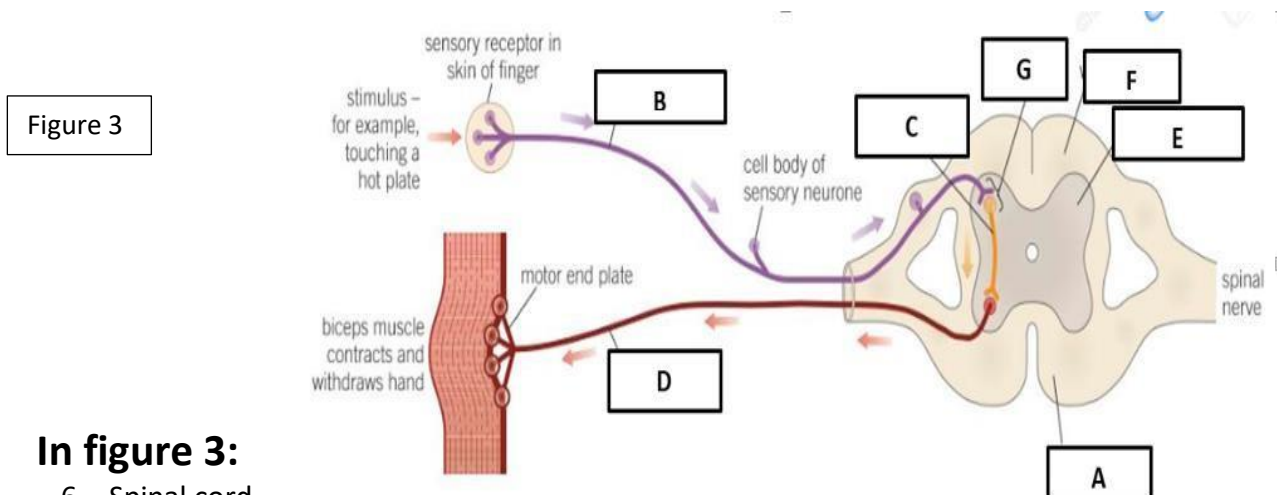


Figure 2



**In figure 3:**

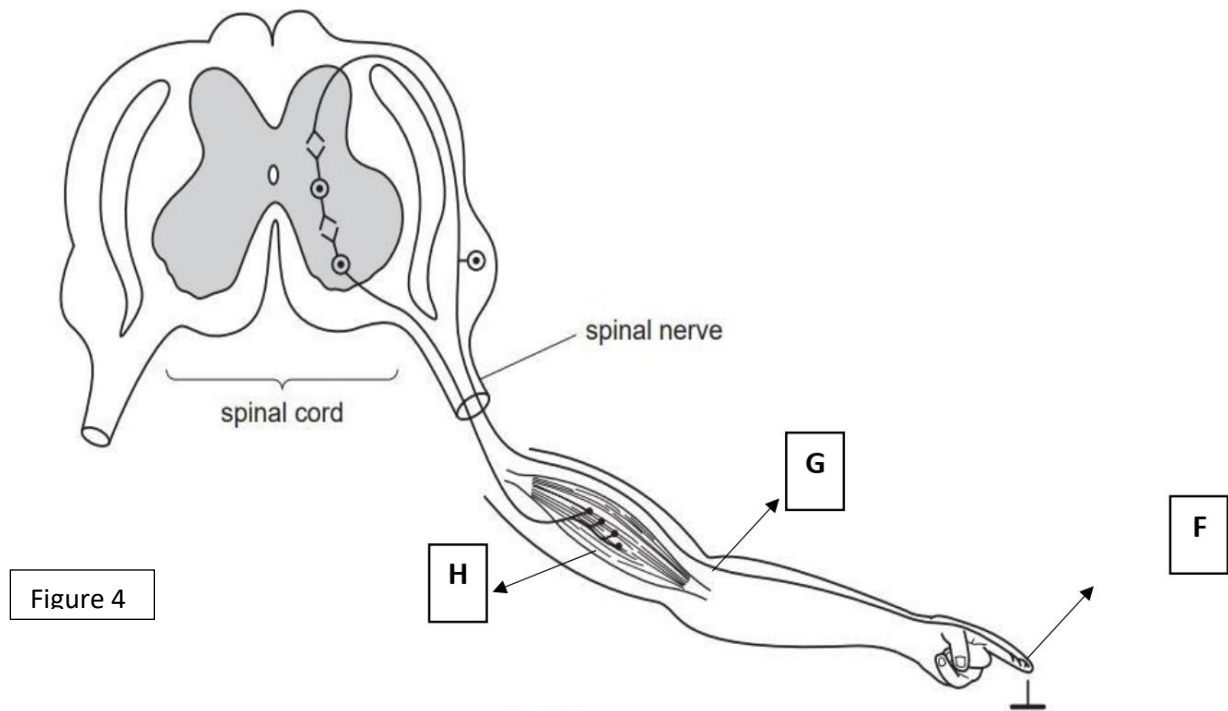
6. Spinal cord -----
7. Motor neuron-----
8. Sensory neuron -----
9. Grey matter-----
10. Relay neuron-----
11. White matter -----
12. Synapse-----

**Complete:**

- A. cell body
- B. brain and spinal cord
- C. axon
- D. neurons

13. Central Nervous System is made of -----
14. Electrical impulses are transmitted in the ----- which are the building blocks of the nervous system.
15. A neuron is made of cell body, ----- and dendrites.
- A. relay
  - B. sensory
  - C. lipids
  - D. Reflex action
  - E. reflex arc
  - F. effector
  - G. synapse
  - H. muscle
16. There are three types of neurons in the peripheral nervous system: motor, relay, and -----neurons.
17. Myelin sheath which surrounds the axon of the neuron is made of -----
18. ----- neuron connects the electrical impulse from the sensory organ to the relay neuron.
19. The gap between neurons are called -----
20. Motor neuron sends impulses to the ----- organs.
21. Effector organ is a gland or -----
22. ----- is an involuntary, automatic, fast response to a stimulus which has a protective function.
23. The nervous pathway for the reflex action is called -----

In Figure 4:



24. A receptor in the skin is -----

25. The neuron that transmits impulses to the spinal cord is -----

26. The effector in this reflex arc is -----

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