

1. Answer the following short questions.

i. What is a stimulus?

ii. What do you call an action taken as a result of a stimulus?

iii. Name the five sense organs and the senses to which they correspond?

iv. What are the two parts of the central nervous system? Explain.

v.

vi. Why are reflexes important?

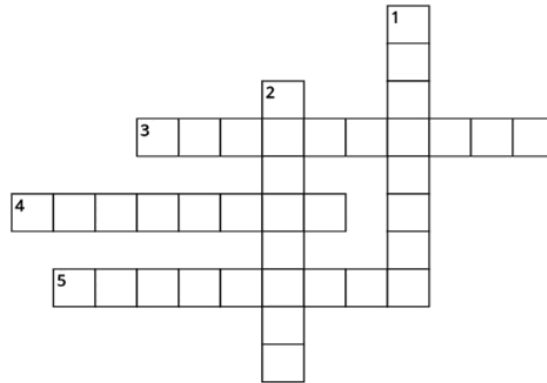
vii. List the main functions of the cerebrum, cerebellum and medulla oblongata.

iv. What is autonomic nervous system? Explain.

3. Tick the right option.

1. The central nervous system is made up of:			
I. Only the brain	II. Only the spinal cord	III. The brain and the spinal cord	IV. Every nerve in the body
2. The human brain weighs about			
I. 0.5 kg	II. 1.0 kg	III. 1.5 kg	IV. 2.0 kg
3. The Brain contains billions of :			
I. Nerves	II. Nerve fibers	III. Nerve endings	IV. Nerve cells
4. The largest part of the brain is			
I. Cerebellum	II. Cerebrum	III. Brain stem	IV. Medulla oblongata
5. The body's automatic activities such as breathing and digestion are controlled by the:			
I. Cerebellum	II. Cerebrum	III. Brain stem	IV. Medulla oblongata

3. Crosswords



Across

- 4. Helps us stand
- 5. Sudden actions
- 6. Somatic nervous system

Down

- 1. Seizure
- 2. Dementia

4. Words Search

Find the following word in the words search.

Autonomic	Peripheral	Somatic	Sympathetic	Central
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S	F	A	T	S	A	F	F	B	U	L
O	Y	A	B	L	I	O	N	U	Z	W
M	H	M	E	T	A	H	N	R	M	Z
A	M	U	P	C	L	E	S	R	F	W
T	V	N	C	E	N	T	R	A	L	D
I	I	I	U	E	T	R	A	W	F	E
C	P	E	R	I	P	H	E	R	A	L
C	R	O	C	O	D	I	T	E	Q	Q
F	W	T	I	F	S	S	W	I	E	S
G	A	U	T	O	N	O	M	I	C	

5. Jumbled Words

- | | |
|---------------------|-------------------------|
| i. SEPULIM _____ | ii. EYMLIN _____ |
| iii. CLESSUM _____ | iv. VIERRAN _____ |
| v. IMUSTSUL _____ | vi. ANNWSCH _____ |
| vii. CEPRETOR _____ | viii. TORCOORDINA _____ |
| ix. FFECTORE _____ | POSENRE _____ |

6. Columns

Column A	Column B
Cerebellum	Carries messages between brain and body
Spinal cord	Coordination and balance
Fight or flight	Pathway of nerve impulses
Somatic nervous system	Sympathetic nervous system
Reflex arc	Controls voluntary actions

7. Fill in the blanks using the given words.

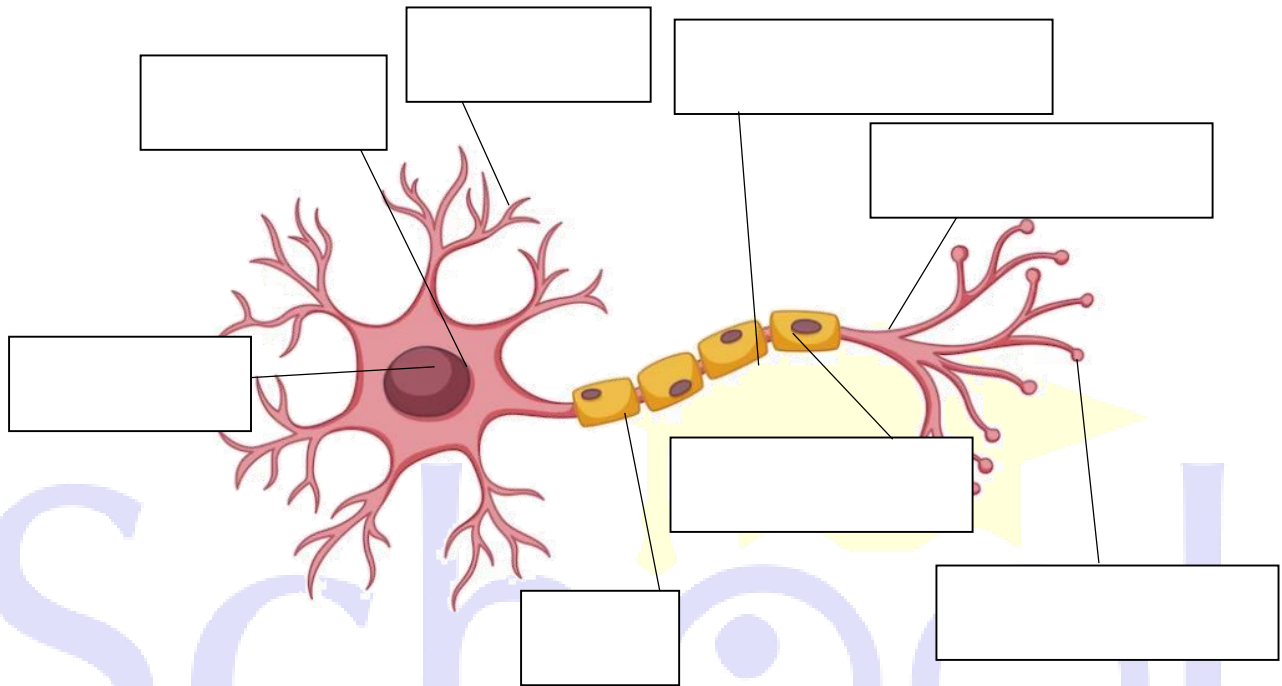
- i. A nerve consists of a bundle of _____.
- ii. The gaps between the nerve cells or neurons are called _____.
- iii. The body's _____ activities are controlled by medulla oblongata.
- iv. Special type of actions, like sneezing and blinking, which you cannot control are called _____.
- v. A boy blinking when he gets dust in his eyes is an example of _____ actions.

8. Write “T” for the true and “F” for the false statement.

- i. The human brain has about 1.5 kg weight.
- ii. The largest part of the human brain is cerebellum.
- iii. The brain stem control and maintain the blood pressure and body temperature of humans.
- iv. Each neuron has several inputs called dendrites.
- v. The left side of the cerebrum controls understanding, reading and thinking.

9. Label the diagram.

Structure of neuron



10. Drag and Drop

Look at the pictures and write their names in the relevant column.

Reflex arc	Brain	Cerebrum	Cerebellum	Spinal cord

Part	Function

11. Comprehension

The nervous system controls everything in your body and helps you think, feel, and move. It has two parts: the central nervous system (brain and spinal cord) and the peripheral nervous system (nerves throughout the body). The brain is the thinking center with billions of neurons. It communicates with the body through the peripheral nervous system, letting you move and feel things. The autonomic nervous system keeps your heart beating and other important functions going, all without you thinking about it. The nervous system's job is to help you interact with the world and adapt to different situations. It's like your body's supercomputer, making everything work together.



i. What is the function of nervous system?

ii. Name the parts of the nervous system.
