



THE NERVOUS SYSTEM

TD N°1, 2

Exercices keys

Exercise 1

Fill in the blanks with the appropriate words.

Nervous tissue is composed of two types of cells, neurons and glial cells.

Neurons are the primary type of cell that most anyone associates with the nervous system. They are responsible for the computation and communication that the nervous system provides. They are electrically active and release chemical signals to target cells.

Glial cells are known to play a supporting role for nervous tissue. Neurons are important, but without glial support they would not be able to perform their function.

Exercise 2

A- Find to each word from column A its appropriate definition from column B

1 / E

6 / J

2 / I

7 / H

3 / B

8 / G

4 / A

9 / C

5 / D

10 / F

A	B
1- BRAIN / cerveau	a- neural tissue cell that is primarily responsible for generating & propagating electrical signals
2- NERVE / nerf	b- single process of the neuron that carries an electrical signal away from the cell body toward a target cell
3- AXON / axe	c- lipid-rich insulating substance surrounding the axons of many neurons
4- NEURON / neurone	d- organ of the central nervous system found within the vertebral cavity
5- SPINAL CORD / moelle épinière	e- the large organ of the central nervous system.
6- CEREBELLUM / cervelet	f- one of the various types of neural tissue cells responsible for supporting neurons.
7- SYNAPSE / synapse	g- one of many branchlike processes that extends from the neuron cell body.
8- DENDRITE / dendrite	h- narrow junction across which a chemical signal passes from neuron to the next.
9- MYELIN / myéline	i- cord like bundle of axons located in the PNS that transmits sensory input and response output to & from the CNS.
10- GLIAL CELL / cellule gliale	J- is a fist-sized portion of the brain located at the back of the head, below the temporal and occipital lobes and above the brainstem.

B- Translate into french each term from column A

Exercise 3: QUIZ

1- This system controls everything you do:

- A) Nervous system
- B) Olfactory system
- C) Respiratory system
- D) Endocrine system

2- Without the nervous system, you couldn't:

- A) Walk
- B) Breathe
- C) Think
- D) All of the above

3- The nervous system is made up of these three parts:

- A) Brain, heart, and spinal cord
- B) Brain, spinal cord, and nerves
- C) Nerves, arteries, and veins
- D) Nerves, liver, and heart

4- Which part of the body is the control center for the nervous system?

- A) Spinal cord
- B) Stomach
- C) Brain
- D) Heart

5- A typical brain weighs how much?

- A) 3 pounds (1.4 kilogrammes)
- B) 3 ounces (85 grammes)
- C) 3 tons (2.7 metric tons)
- D) 3 kilograms (6.6 pounds)

6- What is the biggest part of the brain?

- A) Brain stem
- B) Think tank
- **C) Cerebrum**
- D) Cerebellum

7- Which part of the brain helps keep your balance so you don't fall flat on your face?

- **A) Cerebellum**
- B) Medulla oblongata
- C) Pituitary gland
- D) Spinal cord

8- Which part of the brain keeps you breathing?

- A) Breathe-o-meter
- **B) Brain stem**
- C) Pituitary gland
- D) Cerebellum

9- The brain creates connections, or pathways, between these microscopic cells:

- A) Blood cells
- B) Tiny cell phones
- C) Brain tissues
- **D) Neurons**

10- Your emotions are believed to come from the:

- A) Cerebellum
- B) Medulla oblongata
- **C) Amygdala**
- D) Heart

Exercises Keys

Complete the table with the appropriate adjective, noun or verb then translate them into French.

Adjective	Noun	Verb	Translation
Strong	Strength	Strengthen	Fort
Long	Length	Lengthen	Long
Hard	Hardness	Harden	Dur
Deep	Depth	Deepen	Profond
Worse	Bad		Mauvais / pire
Weak	Weakness	Weaken	Faible
Short	Short	Shorten	Court
Sick	sickness	Sick	Malade
Deaf	Deafness		Sourd

Turn the following adjectives into Adverbs:

Adjectives	Adverbs
First	Firstly
Early	Early
Fast	Fast
Visual	Visually
Temporary	Temporarily
Predictable	Predictably
Steady	Steadily
Wide	Widely
Electric	Electrically
Hard	Hard

Correct the following sentences, putting the adverbs in the most appropriate place.

- Surgeons always wear a surgical masks when operating
- Eventually, the team managed to save the patient
- The intern is not enough experienced to perform keyhole surgery
- Mumps is a highly contagious childhood disease
- I have never seen such courage in a terminally ill patient.
- He finished three years ago medical school.
- The GP was obviously right.