

**DO NOT WRITE CAPITAL LETTERS**1. Complete the gaps: (25 marks) **DO NOT WRITE CAPITAL LETTERS**

SENSE	ORGAN	PARTS: Functions
.....	.....	Light passes through the <b>cornea</b> and enters through the ..... ..... controls the size of the pupil and the amount of light that enters the eye. <b>Lens</b> focuses de light on the ..... ..... provides the clearest vision. <b>Nerve</b> ..... detect light and send electrical signals to the ..... <b>nerve</b> and to the brain.
.....	.....	Sound waves enter and go into the ..... <b>canal</b> . Then ..... vibrates and <b>ossicles</b> vibrates ..... produces electrical signals ..... <b>nerve</b> carries the electrical signals to the brain.
.....	<b>nose</b>	Chemical particles enter through the ..... <b>Nerve</b> ..... detect chemical particles and send electrical signals to the ..... in the brain.
.....	<b>tongue</b>	..... have receptor cells. ..... <b>cells</b> detect tastes (sweet, sour, bitter, salty and umami) ..... <b>nerves</b> carry electrical signals to the brain
<b>touch</b>	.....	..... (top layer) ..... (middle layer) contains <b>blood vessels</b> and <b>nerves</b> that detect sensations and send electrical signals to the brain

2. Choose the correct answer: (4 marks)

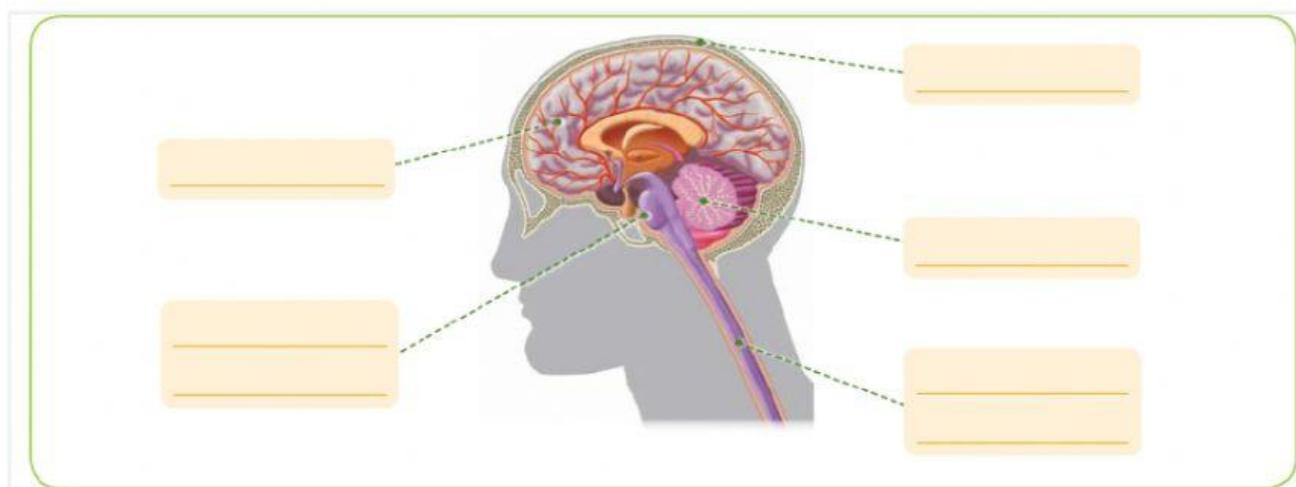
- What do the sense organs do?
  - a) They permit us to see what is happening.
  - b) They capture sounds from our surroundings.
  - c) They capture the information from the external environment.
  
- What does the brain do?
  - a) The brain receives and interprets the information and decides how to act.
  - b) The brain obtains information from the external environment.
  - c) The brain perceives what is happening around us and then reacts

## NATURAL SCIENCE 6º UNIT 1 INTERACTION TEST

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_ Nº LIST \_\_\_\_\_

- What do we call the special cables that transmit messages from the sense organs to the brain?
  - a) They are called nerves
  - b) They are called receptor cells.
  - c) They are called special cells
- What are the three parts of a neuron?
  - a) They are the body, the nerves and the axon
  - b) They are the body, the dendrites and the nerves
  - c) They are the body, the dendrites and the axon

### 3. Label the parts of the brain (5 marks)



### 4. Complete the text with the correct word. There are two extra words. (6 marks)

responds • motor • makes • perform • nervous • sense • locomotor • neurons

Different neurons \_\_\_\_\_ different tasks:

• Sensory \_\_\_\_\_ carry signals from the \_\_\_\_\_ organs to the brain.

The brain interprets the information and \_\_\_\_\_ by producing signals.

• \_\_\_\_\_ neurons carry those signals to the \_\_\_\_\_ system.