UNIVERSIDAD DEL VALLE
FACULTAD DE HUMANIDADES
ESCUELA DE CIENCIAS DEL LENGUAJE
LECTURA DE TEXTOS ACADÉMICOS EN INGLÉS

Name: _____
Code: _____ Date: _____

<p align="center">**RESPONDER EN ESPAÑOL DE ACUERDO CON EL TEXTO:**
"*The 1981 Nobel Prize in Physiology or Medicine*"</p>

ACTIVITY

1. DERIVED WORDS
   In the reading, look for the following words and tell the stem and the grammatical role (adjective, adverb, etc) they have: decided, functional, specialization, visual, higher, layers, step-wise, retinal, neurosurgical, impairment, consciousness, learning, retention, thinking, relationships, analytical, mathematical, calculations, computer-like, nervous, muteness, mono-syllabic, mankind, stimuli, stimulation.
   In addition, give their Spanish equivalents.

2. PASSIVE VOICE
   Look for ten expressions in passive voice. Identify the object(s) in each one and give their Spanish equivalents.

3. REFERENTS
   Identify them in the reading and tell what each expression refers to

4. CONNECTIVES
   Identify them in the reading and tell the two linked ideas:
   1. Primera idea.

   <p align="center">**Conector**: (clasificación)</p>

   2. Segunda idea.

5. NOUN PHRASES
   Give the Spanish equivalent of the underlined expressions.

6. SCANNING, INTENSIVE READING, CRITICAL READING
   Answer in Spanish according to the text
   A. Define **commissurotomy**.
   B. Compare the two cerebral hemispheres. (Suggestion: draw a table)
   C. Is commissurotomy still carried out for the treatment of severe epilepsy? Why? (Suggestion: look up in a Neurosurgery or Neurology treatise)
   D. Describe (in several steps) the process by which the visual cortex analyzes the coded message from the retina.
   E. How are the cells arranged in the visual cortex? (Suggestion: make a sketch)
   F. What happens to the visual cortex of a newborn when one of his eyes is covered for a few days?
   G. Is it correct to say that the image in the eye is projected in the cerebral cortex like a movie? Explain.

<p align="center">**Please help to save a tree. For your answers use the back side of this worksheet!**
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☺</p>