

Unit 1: How the body works?**Class: MYP 3****Skills:**

Knowledge and Understanding

Learner Profile:

Knowledgeable

Date of Submission: 29/07/2020**Objectives:**

Students will be able:

- (i) To identify the presence of hierarchy of life present in different systems of the body
- (ii) To be able to identify parts and function of neuron and nervous system

PART- A

1. Complete the table given below by filling in either the name of the system or hierarchy seen in the system or the utility based on the class presentation (election speech and poster).

NAME OF THE SYSTEM	HIERARCHY SEEN	UTILITY <i>(survival/growth/behavior)</i>
CIRCULATORY SYSTEM		SURVIVAL
		GROWTH

	RENAL CELL→RENAL TISSUE→KIDNEY, URINARY BLADDER, URETER→URINARY SYSTEM	
	EPITHELIUM CELLS→EPITHELIAL TISSUE→ALVEOLI, LUNGS→GAS EXCHANGE SYSTEM	SURVIVAL
SKELETAL SYSTEM		BEHAVIOUR
NERVOUS SYSTEM		

2. Reflect on classroom discussion and the election poster activity and answer the following questions.

a. What are the skills you have demonstrated and improved through this activity?

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b. What were the challenges that you faced during planning and executing this activity?

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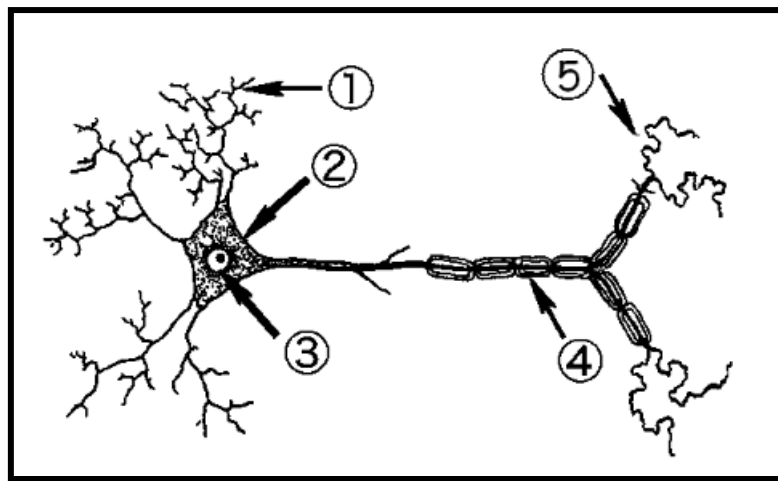
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c. Any concept/subtopic that you would want the teacher to re-teach?

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3. Label the parts marked by numbers



4. What is the role of following parts-

a. Axon hillock:

b. Axon:

c: Myelin Sheath:

d. synaptic vesicles:

5. Define the following terms-

a. stimulus-

b. reaction time-

c. action potential-

6. What are the main functions of nervous system?

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7. “*All reflex actions are involuntary actions, but all involuntary actions are not reflex action*”- Justify the statement with reasons and examples.

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PART B- Complete the pending JIGSAW work.