



**Provincial Department of Education – Sabaragamuwa – Week School**

**Week: 16<sup>th</sup> – 22<sup>nd</sup> May, 2021**

**Subject: Science**

**Grade -10**

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Study the lesson **Characteristics of Organisms** ( 08 Biology ) and write answers for the following.

01. Write 08 common characteristics of living organisms.
02. Write 02 examples for each common characteristics of living organisms
03. Write 02 characteristics of a tissue.
04. Give example for organisational levels in a living being.
05. Represent the process Photosynthesis in a diagram.
06. Express the equation of photosynthesis in words and symbols.
07. I. Draw and write the steps for experiments to show absorption of oxygen in respiration.  
II. Write the observations and give relevant reasons for each observation.
08. I. Draw and name the structure of experiment to show the release of CO<sub>2</sub> during respiration.  
II. Write the reason for using KOH and Ca(OH)<sub>2</sub> here.  
III. What is the observation of above experiment?  
IV. What can you use instead of a frog?
09. Write 03 examples for movement of plants.
10. Draw the figure of auxanometer and write the method of collecting observation.

11. Fill the table using correct characteristics of living organism.

<b>Incident</b>	<b>Characteristics of living organism.</b>
1.Production of new generation	
2.Fish use bronchia.	
3.Plant roots growth towards the earth.	
4.Sweating	
5.When we contact a hot plate, we move our hand suddenly.	
6. The process by which the stored food is transformed in to energy inside the cells	
7.Photosynthesis	