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## **Characteristics of Organisms**

- 01. Write 08 common characteristics of living organisms.
- 02. Write 02 examples for each common characteristic of living organisms.
- 03. Write 02 characteristics of a tissue.
- 04. Give examples 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 of an experiment to show the need of oxygen gas for 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 are the observations of above experiment? Give relevant reasons.
  - IV. What can you use instead of a frog for this experiment?
- 09. Write 03 examples for movement of plants.
- 10. Draw the figure of auxanometer and write the method of collecting observation.
- 11. Fill in the table using suitable characteristics of living organisms.

Incident	Characteristic of living organisms
1.Production of new generations.	
2.Presence of bronchia in fishes.	
3.Plant roots growth towards the earth.	
4.Sweating	
5.When we contact a hot plate, we remove our hand from there suddenly.	
6. The process by which the stored food is trans- formed in to energy inside the cells.	
7.Photosynthesis	
8.Having tissue level & system level organisa- tion in multicellular organisms.	