

Science

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(Chapter 6)(Tissues)(Intext Questions)

Class - 9

 Page 69

Question 1:

What is a tissue?

Answer 1:

Tissue is a group of cells that are similar in structure and are organised together to perform a specific task.

Question 2:

What is the utility of tissues in multi-cellular organisms?

Answer 2:

In **unicellular organisms**, a single cell performs all the basic functions such as **respiration**, **movement**, **excretion**, **digestion**, etc.

But in **multicellular organisms**, cells are grouped to form tissues. These tissues are specialised to carry out a particular function at a definite place in the body. For example, the **muscle cells** form muscular tissues which helps in **movement**, **nerve cells** form the nervous tissue which helps in **transmission of messages**. This is known as division of labour in multicellular organisms. It is because of this division of labour that multicellular organisms are able to perform all functions efficiently.

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