

## Homework

## Chapter 2

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### Tissues

- 1) Define tissues.
- 2) Why animals and plants have different types of tissues?
- 3) Give a well labelled diagram of meristematic tissues.

### Answer

- 1) Group of cells having the same origin and performing same function is called as tissue.
- 2) Animals and plants have different types of tissue because:-  
# In plants tissue organization is targeted towards stationary habit of plants. While in animals tissue organization is targeted towards mobility of animals.

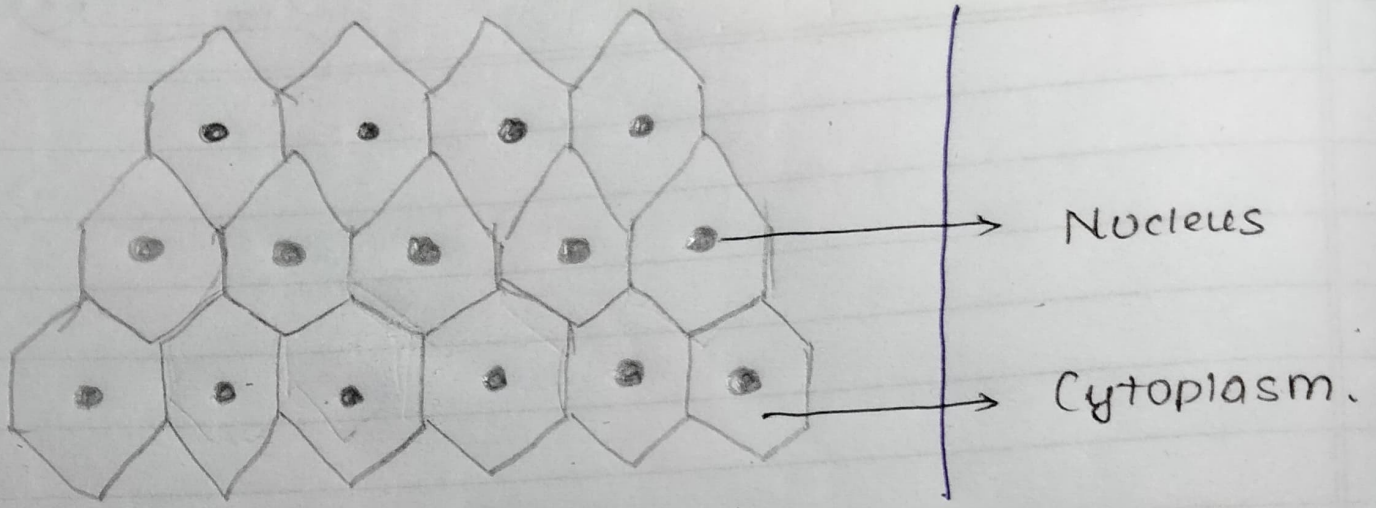
For example dead supportive tissues are more abundant in plants but in animals most of the tissues are living.

Another reason for the presence of different kinds of tissues in animals and plants is that plants grow through out their life but animals after attaining maturity do not show any further growth.

Also plants and animals perform different functions. So to suit up / execute the varied functions, they are made up of different kinds of tissues.

For example plants perform photosynthesis to make their own food while animals do not perform photosynthesis and depend on plants for food.

3) Well labelled diagram of meristematic tissue:-



Position of meristematic tissue in plant body.

