

ODM CONNECT APP HOMEWORK

30

Q1. Define tissues.

Ans) A group of cells that are similar in structure and/or work together to achieve a particular function forms a tissue.

Q2. Why animal and plants have different types of tissues?

Ans) Plants and animals have different types of tissues due to the following reasons:-

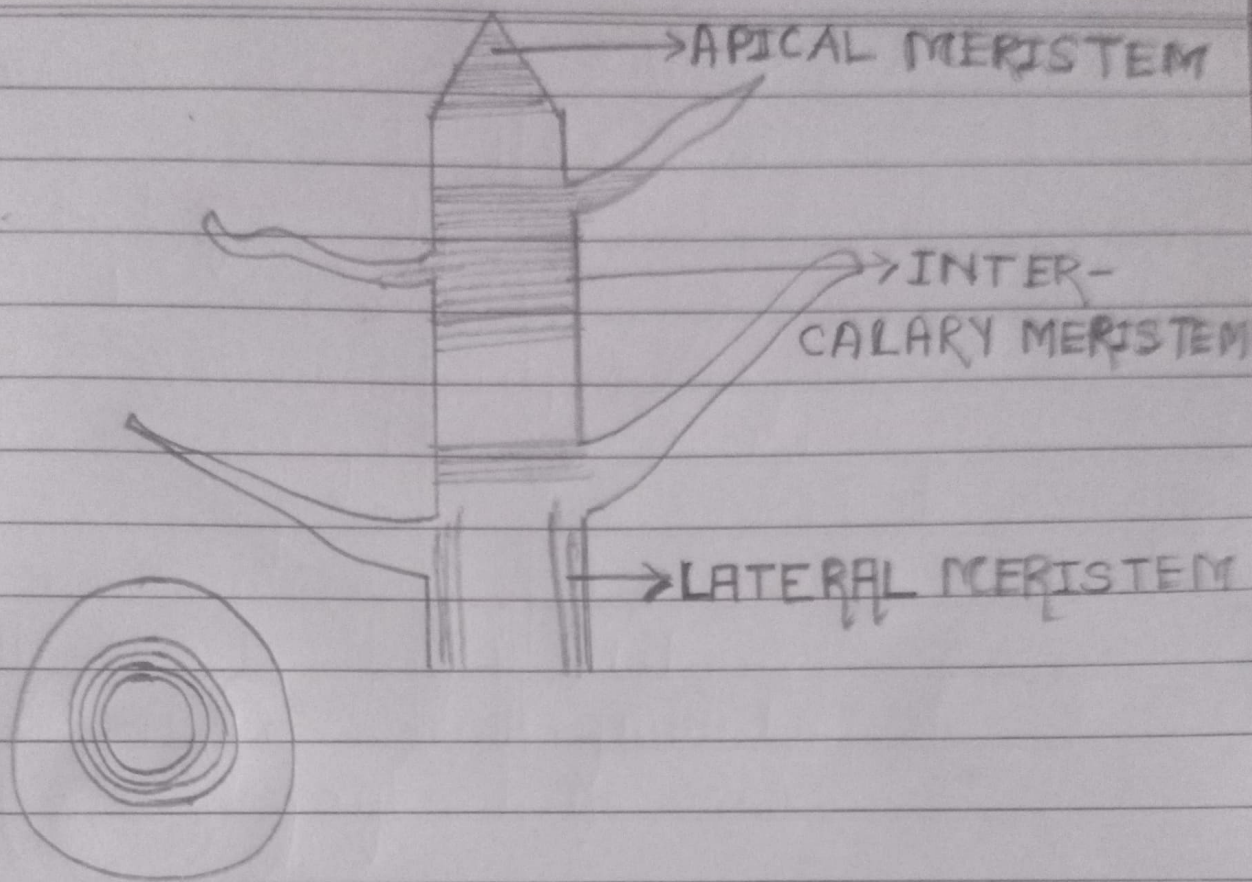
* Plants are autotrophic organisms, so they prepare their own food by photosynthesis whereas animals on the other hand are heterotrophic organisms, so they depend on plants for their food.

* Plants are stationary in nature for which they do not show locomotion whereas animals are not stationary, so they locomote from one place to another.

* Also, both animals and plants perform different functions, so, to suit to the varied functions they are made up of different kinds of tissues.

Q3. Draw a well labelled diagram of Meristematic tissue.

Ans)



T.S. of a shoot showing the Lateral meristem
Fig. longitudinal section of shoot apex only
showing location of meristems and
young leaves.