

06/07/2021

## 11.10

1.) • It protects the organs from injury or shocks.  
• It also connects many body parts such as ligament connects bones to another bones.

2.) The body of a multicellular such as a tree or a cat exhibits organization at several levels; tissues, organs, and organ system. Similar cells are grouped into tissues, groups of tissues make up organs and organs with a similar function are grouped into an organ system.

|                                                                                      |                                                                          |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 3.) Plant tissue<br>• Plant tissue requires very little energy for their maintenance | Animal tissue<br>• It requires more energy as compared to plant tissues. |
| • Plants has cilia                                                                   | • Animal tissue do not have such cell                                    |

- Plant tissues have a cell wall
- Permanent tissue and Meristematic tissues are observed differently in plants.

• The tissue organization is complex

- Animal tissues do not have such cell wall
- On the other hand there is no differentiation between the tissues