

Q1) write the Importance of tissues in a living organism.

Ans) A tissue is an ensemble of similar cells and their extracellular matrix from the same origin that carries out a specific function. Organs are formed by the functional grouping together of multiple tissues.

Q2) Explain the cellular organisation in a multicellular organism.

Ans) The most basic unit is cell, groups of similar cells form tissues, groups of different tissues make up organs, groups of organs form organ systems, these all components form multi-cellular organism.

Q3) Give an elaborate comparison between plant and animal tissue.

Plant Tissue	Animal Tissue.
→ They are dead & supportive tissue, more than living tissue.	→ There are more living tissues compared to dead tissue.
→ Require less energy for maintenance.	→ They require more energy for maintenance.

3) Plant Tissues

- 2 kinds of tissues
 - (i) meristematic tissues
 - (ii) permanent tissues

- they have earlier tissue organization
- they have cell wall

Animal Tissues

- there are 4 tissues
 - (i) muscle tissue
 - (ii) epithelial tissue
 - (iii) connective tissue
 - (iv) nervous tissue

- the tissue organization in animals is quite complex
- they don't have cell wall