

3-10-2021

HOMWORK

Q2: Differentiate between two types of plant tissue.

Ans:

Meristematic Tissue

Permanent Tissue

1. Cells of this tissue divide continuously.

1. Cells ~~are~~ ^{of} this ~~tissue~~ tissue do not divide.

2. These are localized tissues.

2. These tissues are found in all the parts of the plant.

3. The cells of ~~these~~ ^{the} this tissue do ~~not~~ have a vacuole or have a very small vacuole.

3. The cells of this tissue have a large vacuole.

4. These are undifferentiated.

4. These are differentiated.

5. Its cells are living.

5. Its cells may be living or dead.

6. It provides growth to the plant.

6. It provides protection, conduction, storage ^{or}.

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

Ans: Animal and plants have different types of tissues because they perform different functions. These functions are :-

1. Plants are autotrophic ~~therefore~~ whereas ~~p~~ animals are heterotrophic.

2. Plants are stationary so they need ~~less~~ energy. On the other hand animals have to move in search of food, ~~shelter~~, etc. so, they need more energy.

3. Most of the tissues in plants

Q3. What are the four types of animal tissue?

- Ans:-
1. Epithelial tissue
 2. Connective tissue
 3. Muscular tissue
 4. Nervous tissue

Q4. Why blood is known as special connective tissue?

Ans:- Blood is a fluid connective tissue. Fluid connective tissue links the different parts of the body and maintains continuity in the body. Blood has an extra-cellular fluid matrix called blood plasma with Red Blood cells, White Blood cells and platelets floating in it.