ANIMAL TISSUES

OBJECTIVES

- Students identify and explain the formation of tissues from cells.
- Students understand the importance of animal tissues.
- Students can distinguish the different animal tissues.
- Students identify and explain the characteristics and functions of animal tissues.
- Students can distinguish between plant and animal tissues.

ANIMAL TISSUES

EPITHELIAL TISSUE

- Protects and covers the body
- Lines the inner wall of alimentary canal(digestive tract)
- Functions of epithelial tissue – protection, absorption & production of secretions.

NERVOUS TISSUES

- Controlling and co-ordinating physiological functions
- Enables to respond identifying changes inside and outside the body

MUSCULAR TISSUES

- It consists of muscle cells
- Muscle cells can contract and regain the original state
- It helps in movement

CONNECTIVE TISSUE

- It either connects different tissues or act as support to them
- Eg : Tendons – it connects muscles to bones

Ligaments – it connects bones together

- Connective tissues – BONE,CARTILAGE,FIBROUS TISSUE,BLOOD

- **BONE AND CARTILAGE**

- Helps in movement
- Provide shape, support and strength to body
- Cover and protect internal organs

- **BLOOD**

- Conduction of materials
- Transporting respiratory gases and nutrients
- Provides immunity (makes body resistant to diseases)

- **FIBROUS TISSUES**

- Connects other tissues
- Eg: holds eyes and kidney in proper place.

- **VIDEO**

https://youtu.be/HRDrCGSDPsA

- **CHECK YOUR UNDERSTANDING**

QUESTION PAPER

- **REFERENCES**

https://opentextbc.ca/biology/chapter/14-2-animal-primary-tissues/#:~:text=Multicellular%2C%20complex%20animals%20have%20four,specialized%20functions%20within%20the%20body.

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https://drive.google.com/file/d/1StXDjqbS1e1kPWpPLRy0HKSTok_sBbvh/view?usp=sharing