

1. Name the main types of muscular tissue. Give the location of each kind in animal body.

→ There are 3 main type of muscular tissue:

→ Striated muscles: Location: - Arms and legs, Face, neck etc.

→ Unstriated muscles: Location: - allimentary canal

→ Cardiac Muscles: Location: - Walls of the heart.

2. What are involuntary muscles? Where are they found?


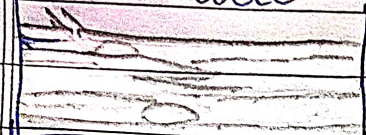

→ Involuntary muscles are the muscles which contract without control. The contraction is controlled by the nervous system. These are found in the walls of internal organs.

3. Briefly describe striated and smooth muscles with their function.

→ Striated muscles are voluntary muscles. ~~They~~ These muscles are used to generate force and contract in order to support ~~the~~ locomotion and posture.

→ ~~Unstriated~~ Smooth muscles are also known as unstriated involuntary muscles. Movements like passage of food in the Alimentary Canal, for example, are caused by the contraction of the unstriated muscles in the intestinal walls.

4. List the differences between the different types of muscular tissues in a tabular form based on their appearance ^{structure} & nucleus and functions.

Types of Muscular tissue	Location	Functions	Appearance	Control
Skeletal Striated 	Skeleton	Posture Movement,	Striated multinucleated	Voluntary
Cardiac 	Heart	Pump blood Continuously	Striated one central nucleus branched	Involuntary
Visceral Smooth Muscles 	G.I tract, uterus, eye, blood vessels	Peristalsis blood pressure pupil size erect hair	No striated one central nucleus	Involuntary