

Home Assignment

Q1. Name the main types of muscular tissues. Give the location of each kind in animal body.

Ans - The main types of muscular tissue are

- i) Striated (skeletal/voluntary) muscles.
- ii) Unstriated (smooth/involuntary/visceral) muscles.
- iii) Cardiac (heart) muscles.

Q2. What are involuntary muscles? Where are they found?

Ans. Involuntary muscles are the muscles that can not be controlled by us. They are unstriated and cardiac muscles and found at digestive track, uterus, eye, bloodvessels, heart etc.




Q3. Briefly describe striated and smooth muscles with their functions.

Ans. ~~They~~ ^{Striated muscles} are found attached to bones are under the control of the will of an individual, i.e.

voluntary muscles. These muscles help in ~~move~~ movement of arms, legs, face, neck, etc. They also help in keeping the posture of the body.

Smooth or unstriated muscles are not under control of one's will i.e. involuntary muscles. These muscles help in movement of food in alimentary canal, iris in eye, ~~at~~ walls of urinary bladder etc.

Q4. List the differences between the different types of muscular tissues in a tabular form based on their appearance, structure, nucleus and functions.

Ans.	Location	Function	Appearance	Control
Striped (skeletal) 	Skeleton	Movement, Posture	Striated, multinucleated, eccentric fibres parallel	Voluntary
Cardiac (Heart) 	Heart	Pump blood continuously	Striated, one central nucleus	Involuntary
Unstriated (smooth, visceral) 	Cr. T tract digestive tract - oesophagus, stomach, intestine, uterus, eye, blood vessels etc.	Peristalsis, blood pressure pupil size, erects hairs	No striations, Central nucleus	Involuntary