

11.00
10.5.21

Q1. Ans - The main types of muscular tissues

are:

→ Striated muscles

→ Unstriated muscles

→ Cardiac muscles

The location of each kind in animal body is

→ Striated muscles → Arms, legs, face and neck

→ Unstriated muscles - intestinal walls, iris in the eye and urinary bladder

→ Cardiac muscles - walls of the heart

Q2. Ans - The involuntary muscles are

- i) Unstriated muscles
- ii) Cardiac muscles

Unstriated muscles are not under control of one's will. Such muscles are composed of slender and tapering cells. These muscles are found in intestinal wall, iris in the eye and urinary bladder.

Cardiac muscles are involuntary but of a different kind. They can contract without outside stimulation and never get tired in a person's life time. These muscles are found only in the walls of heart.

Q3. Ans - striated muscles -

- i) Found attached to the bones.
- ii) These are under the control of the will of an individual
- iii) Such muscles constitute about 40% of the body weight
- iv) These are found in common places of the body such as arms, legs, face and neck




Smooth muscles:

- i) It is also called unstriated muscles.
- ii) This is an involuntary muscle and not under control of one's will.

iii) These are composed of slender and tapering cells.

iv) These are found in the intestinal walls iris in the eye and urinary bladder wall.

Q.4:

	Appearance	Structure	Nucleus	Function
Striated Muscle	Striated, fibres parallel.		Multinucleated (Eccentric)	voluntary, movement, posture.
Unstriated muscle	No striation		One central nucleus	Involuntary peristalsis
cardiac muscles	striated and branched, comparatively short		One central nucleus	Involuntary pump blood continuously