



Student Name					
Date		Grade	IX	Roll No.	
Subject	Science ( Bio)	Marks	10	Teacher's Sign	

**Chapter wise Test : L 6 Tissues**

1 Cardiac muscle is one of the three major types of muscles, the others being skeletal and smooth muscles. It is found in the walls and histological foundation of the heart. Which one of the following statements is not related to the cardiac muscles? 1

- (a) They muscles show rhythmic contraction and relaxation throughout life.
- (b) They do not work according to our will, so they are called involuntary muscles.
- (c) They are non-striated, multinucleated and branched muscles.
- (d) The contraction and relaxation of the heart muscles help to pump and distribute blood to different parts of the body.

2 While doing work and running, you move your organs like hands, legs, etc. Which among the following is correct? 1

- (a) Smooth muscles contract and pull the ligament to move the bones
- (b) Smooth muscles contract and pull the tendons to move the bones
- (c) Skeletal muscles contract and pull the ligament to move the bones
- (d) Skeletal muscles contract and pull the tendon to move the bones

**Answer:** \_\_\_\_\_

3 Which of the following statements is incorrect?

- i. Parenchyma tissues have intercellular spaces.
- ii. Collenchymatous tissues are irregularly thickened at corners.
- iii. Apical and intercalary meristems are permanent tissues.
- iv. Meristematic tissues, in its early stage, lack vacuoles.

- (a) (i) and (ii)
- (b) Only (iii)
- (c) (iii) and (iv)
- (d) Only (ii)

**Answer:** \_\_\_\_\_

4 A person met with an accident in which two long bones of his hand were dislocated. Which among the following may be the possible reason for this?

- (a) Tendon breaks
- (b) Break of skeletal muscles tissue
- (c) Ligament breaks
- (d) Areolar tissue breaks

**Answer:** \_\_\_\_\_

**5 Answer any 3 of the following questions:**

**6**

- a) What is the utility of tissues in multi-cellular organisms?

- b) Name types of simple tissues.
- c) Where is apical meristem found?
- d) Give two features of cardiac muscles.
- e) What are the functions of areolar tissue?