

1/8/21

HA-5

1. Write 2 diff. b/w Blood & Lymph?
2. How bone differs from cartilage?
3. What is the main function of muscle fiber?

Answers

1. Lymph
 - Transports nutrients from tissues & cells to the blood, via lymphatic vessels.
 - the flow of lymph is slow.

Blood

- Transports nutrients and O_2 from one organ to another.
- the flow of blood in blood vessels is fast.

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2. A Cartilage is thin, flexible and resistant to compressive forces. ^{whereas} Bones are hard, brittle and lack elasticity. They are highly vascularized and very strong. While cartilages provide cushion-type padding for long bones, bones provide skeletal support. They both basically differ in their cellular structure, density, types & functions.

3. The main function of muscle tissue is to allow movement i.e. helps in mobility. It helps walking, running, swimming, writing, speaking and facial expressions. Helps proper stability and posture. Heart muscles helps in circulation of blood and so on. Hence, muscle tissue plays a vital role.