

Trial test

Connective tissue proper and cartilage

Name:

ID:

1- Multilocular fat cells are characterized by:

- a- they have signet ring appearance
- b- they are heat insulator
- c- affected by starvation
- d- present in adults
- e- abundant mitochondria

2- The following is true about cartilage:

- a- It has 4 types
- b- It is very vascular
- c- It has a solid matrix
- d- It is a specialized type of C.T
- e- It has lymph vessels

3- The perichondrium is:

- a- yellow elastic connective tissue
- b- loose areolar connective tissue
- c- reticular connective tissue
- d- irregular white fibrous connective tissue
- e- regular white fibrous connective tissue

4- The articular surface of joints:

- a- Is formed of hyaline cartilage
- b- Is rich in elastic fibers
- c- Is rich in collagen type I
- d- Gets its nutrition from periosteum
- e- Gets its nutrition from perichondrium

5- A section in the tendon shows all the following features except:

- a- Minimal intercellular substance
- b- Many macrophages and mast cells
- c- Parallel collagen bundles
- d- Regular white fibrous connective tissue
- e- Rows of fibroblasts between collagen bundles

6- The following regarding proteoglycans is correct:

- a- stains blue with silver
- b- have a great elastic recoil
- c- contain myosin
- d- formed of a core of protein bound to GAGs
- e- contain collagen type IV

7- All of the following about pericytes are correct except:

- a- Helps in wound healing
- b- Regulate blood flow through the capillaries
- c- Can differentiate into macrophages
- d- Are located along capillaries
- e- Can differentiate to endothelial cells and smooth muscle cells

8- One of the following is true about fibroblasts:

- a- Can differentiate to endothelial cells and smooth muscle cells
- b- Secrete collagen and elastic fibers
- c- large cubical cells
- d- responsible for storage of fat
- e- Line blood vessels and capillaries

9- Vitreous humor of the eye is formed of:

- a- Yellow elastic CT
- b- Reticular CT
- c- Muroid CT
- d- Irregular white fibrous CT
- e- Brown adipose CT

10- Vital stain is used to detect the following cell:

- a- Plasma cell
- b- Reticular cell
- c- Macrophage cell
- d- Mast cells
- e- Fibroblasts

Answers:

- 1- e
- 2- d
- 3- d
- 4- a
- 5- b
- 6- d
- 7- c

8- b

9- c

10- c