Connective Tissue

1. Which of the following connective tissue types is almost always in motion?
   a. Loose connective tissue
   b. Dense connective tissue
   c. Cartilage
   d. Bone
   e. Blood

2. Most connective tissues are dominated by the extracellular matrix.
   a. True
   b. False

3. Underneath every epithelial tissue, we find ____________
   a. Hyaline cartilage
   b. Dense regular connective tissue
   c. Areolar tissue
   d. Adipose tissue
   e. Fibrocartilage

4. A torn meniscus is an example of damage to ____________ cartilage.
   a. Elastic
   b. Fibro
   c. Hyaline
   d. Reticular
   e. Murine

5. The nucleus in an adipocytes is in a(n) ____________ position because of the large amount of ________ stored within the cell.
   a. Central – triglycerides
   b. Eccentric – triglycerides
   c. Central – protein
   d. Eccentric – protein

6. The spleen and lymph nodes have an internal support structure made out of ________ connective tissue.
   a. Areolar
   b. Dense irregular
   c. Dense regular
   d. Reticular
   e. Fibrocytic

7. Tendons and fascia are composed of _________________ connective tissue.
   a. Areolar
   b. Dense irregular
   c. Dense regular
   d. Reticular
   e. Fibrocytic
8. Organ capsules like the tunica albuginea of the testis are composed of ____________ connective tissue.
   a. Areolar
   b. Dense irregular
   c. Dense regular
   d. Reticular
   e. Fibrocytic

9. The epiglottis is composed of _________________________.
   a. Hyaline cartilage
   b. Elastic cartilage
   c. Dense regular connective tissue
   d. Dense irregular connective tissue
   e. None of the above

10. The ribs are connected to the sternum by _________________________.
    a. Hyaline cartilage
    b. Elastic cartilage
    c. Dense regular connective tissue
    d. Dense irregular connective tissue
    e. None of the above

11. Which of the following is NOT TRUE?
    a. The larynx contains hyaline cartilage.
    b. Joint capsules are composed of dense irregular connective tissue.
    c. The external ear is composed of fibrocartilage.
    d. Chondrocytes reside in lacunae.
    e. Areolar connective tissue contains collagen fibers, elastic fibers, and reticular fibers.

12. The number of collagen fibers in a centimeter$^2$ of dense irregular connective tissue is __________________ than the number of collagen fibers in a centimeter$^2$ of areolar connective tissue.
    a. Greater than
    b. Less than
    c. The same as

In each of the remaining items, 2 quantities are given and are being compared.
Choose A if quantity A is the larger of the 2.
Choose B if quantity B is the larger of the 2.
Choose C if the 2 quantities are equal in size.

13. a. Packing of fibers in areolar connective tissue
    b. Packing of fibers in dense irregular connective tissue

14. a. Number of connective tissue types that are liquid
    b. Number of cell layers in the epithelium of a renal tubule
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15. a. Strength of a collagen fiber
   b. Strength of an elastic fiber

16. a. Amount of extracellular matrix in adipose tissue
   b. Amount of extracellular matrix in areolar connective tissue

17. a. Tensile strength of areolar connective tissue
   b. Tensile strength of dense regular connective tissue