

**Practice questions:
Connective tissue**

Key: A. Fibers B. Fibroblasts C. Ground Substance D. Both A&C

1. ____ Which of these components makes up the extracellular matrix?
 2. ____ Which component can be anything from gel-like in areolar connective tissue to extremely hard, as in bone?
 3. ____ This component is usually made of the protein collagen.
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**Key: A. Adipose B. Areolar C. Blood D. Dense Irregular E. Dense Reg.
F. Elastic G. Bone H. Reticular I. Cartilage**

4. ____ Which connective tissue forms tendons and ligaments to attach body parts together?
5. ____ Which connective tissue stores energy yielding triglyceride molecules for insulation and protection?
6. ____ Which tissue has a liquid matrix used in transporting nutrient and waste molecules?
7. ____ Which connective tissue provides light-weight support, tough cushions, and smooth surfaces within joints?
8. ____ Which connective tissue supports soft organs such as the liver and bone marrow?
9. ____ Which connective tissue provides protection, weight bearing support and mineral storage?
10. ____ Organs with this connective tissue will recoil to their original shape after being stretched.

Answers: 1. (D) 2. (C) 3. (A) 4. (E) 5. (A) 6. (C) 7. (I) 8. (H) 9. (G) 10. (F)