

Tissue Notes Comprehension Questions

Epithelial

1. What is the basement layer, what is it typically made of, and what critical role does it perform for Epithelial Tissue?
2. Explain what physical property of Epithelial Tissue allows it to regenerate very quickly.
3. All epithelial tissues have the ability to secrete fluids of some sort. Explain the difference between the purpose of Glandular secretions and Membrane Secretions.
4. Explain the tradeoff between the permeability of an epithelial tissue and the fragility of it.

Connective

1. Explain what Matrix is, what produces it.
2. Why does a torn ligament take longer to heal than a serious cut?
3. What is the correlation between the number of chondrocytes and the tissues physical properties?
4. What characteristic of connective tissue points to a common embryonic origin? (hint - this is most obvious in fibrocartilage, hyaline, and elastic)