Skeletal System Study Guide

1. Describe 5 functions of the skeletal system.
2. Be able to identify the main anatomical parts of a long bone (diagrams could help)
3. Be able to diagram/explain the microscopic arrangement of bone tissue.
   1. Spongy bone
   2. Compact bone (include Osteon, Haversian canal, perforating canal, lamella, lacunae, osteocyte, canaliculi)
4. Describe bone remodeling in relationship to Wolff’s Law. What are the two types of cells involved and differentiate between the two.
5. What are the two main substances that make up bone composition? What are their respective purposes and importance?
6. Differentiate between the axial and appendicular skeleton.
7. Be able to classify the major types of bone fractures.
8. What are the signs and symptoms of osteoporosis?