**Bone Anatomy Practice KEY**

* **Label the following diagram:**



L

K

G

J

I

H

F

E

D

C

B

A

1. **PROXIMAL EPIPHYSIS (Specify as proximal or distal)**
2. **DIAPHYSIS**
3. **DISTAL EPIPHYSIS (Specify as being proximal or distal**
4. **EPIPHYSEAL PLATE (Assume that growth is still occurring)**
5. **SPONGY (Cancellous) BONE (type of bone tissue found inside bone)**
6. **ARTICULAR CARTILAGE (Name given to connective tissue covering heads of
bone at joints) \*\* See picture below**
7. **ENDOSTEUM (Fibrous membrane lining bone cavity)**
8. **MEDULLARY CAVITY (name given to inner bone cavity)**
9. **COMPACT (Dense) BONE (Type of bone tissue that form solid outer casing of bone)**
10. **YELLOW BONE MARROW (Type of inactive connective tissue filling bone cavity)**
11. **PERIOSTEUM (Fibrous membrane covering around outside of the bone)**
12. **TRABECULAE (Needle-like threads of spongy bone)**



**Compact Bone Anatomy: - Label the following:**

* ****

F

E

D

C

B

A

* **A) OSTEON (Entire Structural Unit)**
* **B) HAVERSIAN (Central) CANAL**
* **C) LACUNA (Chamber that Holds Bone Cell)**
* **D) OSTEOCYTE (mature cell) (Proper name for bone cell)**
* **E) CANALICULI (Small channels that carry blood to bone cells)**
* **F) LAMELLA - Lamellae –plural (Concentric layers of calcified matrix)**