

BONE AND CARTILAGE

1-A. Consulting the model of an Haversian system identify and define the following terms:

Haversian canal:

lacuna:

osteocyte:

canaliculus:

Haversian lamellae:

interstitial lamellae:

1-B. Define the following terms.

osteoblast:

osteoclast:

epiphysis:

diaphysis:

2. **After** reading the handout on the use and care of the microscope, examine the following under the microscope and make notes on the salient differences you observe. Diagram (in plain and/or color pencil) a representative field of each. Label your drawings. Name some of the locations in the skeleton where each type of cartilage is found. You may use a separate sheet of paper for your diagrams. Consult a good anatomy or histology text.

a. Hyaline cartilage (Slide # 93W 3264 or H680)

b. Elastic cartilage (Slide # H2.62 or H9062)

c. White fibro-cartilage (Slide # H2.63 or H710)

