Study Guide for the First Lab Practical Exam

This exam will cover material presented in Labs 7 and 8 covering human osteology. There will be approximately 20 questions. Each student will be allowed 4 minutes to answer each question in rotation style. Review the appropriate sections of your lab textbook, handouts, and lecture textbook.

Identification:

- Know (from memory) the names of all the major bones of the skull and infracranial skeleton (and teeth). Refer to Labs 7 & 9 and related handouts.
- How many bones of each kind (e.g., femora, ribs, cervical vertebrae etc.) are there in the adult skeleton.
- Know which bones articulate with each major bone (especially the long limb bones).
- Know the region of the skeleton (e.g., thorax, vertebral column, forearm, upper leg, etc.) that each bone comes from.
- Be able to identify all the special features found in the bones mentioned in the labs and handouts (e.g., acromion, greater trochanter, foramen transversarium, trochlea process, acromion process, conoid tubercle, etc.) and what function each serves.
- Skull: know all the individual bones by name, sutures, anatomical features (e.g., mastoid process, brow ridge etc.); craniometric points. Be able to calculate the cranial index (know formula) and how to take these measurements. **BRING A HAND CALCULATOR TO THE EXAM.**
- Be able to determine sex from skull and pelvic structures. Review Lab 7 & 9 and sexing criteria in lab text Chapter 10.
- You should be able to distinguish between the following teeth: incisor, canine, premolar, and molar.
- Be able to identify less than complete (i.e. fragments) of bone from their identifying features.
- De able to identify bones of the skull within an articulated specimen as well as removed from an articulated skull.