

The Skeletal Systems

Chapter Eight Study Guides - HL

(Note: You will be tested on the structure of the skeletal system in lab. You will be tested on the functions of the skeletal system on the lecture exam.)

- 1 Why do the number of bones in the human skeleton vary during life?
- 2 >What is a sesamoid bone? Sutural bones?
- 3 What is the difference between the axial skeleton and appendicular skeleton?
- 4 Study Figure 8.2 (anatomical features of bone)
- 5 >Why is brain edema a danger to life?
- 6 What is the common term used to describe the calvaria?
- 7 >What are the paranasal sinuses? What membrane type lines a sinus? Significance?
- 8 What two clinical conditions are related to the ethmoid bone?
- 9 What are fontanelles?
- 10 How may you use a fontanel to diagnose a infant's physiologic state?
- 11 What is significant about the hyoid bone?
- 12 What are the five segments of the spinal column?
- 13 >What are the four curvatures of the spinal column?
- 14 >What terms are used to describe abnormal spinal curvatures?(3)
- 15 >What is the structure of an intervertebral disc? Function? (Fig 8.22b)
- 16 >If a disc ruptures then how may this affect the skeletal muscle?(Fig 8.22c)
- 17 How is the pelvic girdle different in male and female? Why?
- 18 What bones form the wrist, palm, and fingers of the hand?
- 19 What bone forms the ankle, arch, and toes of the foot?
- 20 >What is a bursa?
- 21 >What is a tendon sheath?
- 22 How is the foot of a human different than the foot of a chimpanzee? Significance?