

The Axial and Appendicular Skeletal Systems
Chapter Seven and Chapter Eight Study Guides
Tortora & Derrickson

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

1. Why does the number of bones in the human skeleton vary during life?
2. What is a sesamoid bone?
3. What is a suture? Location and function?
4. Why is brain edema a danger to life?
6. What is the common term used to describe the calvaria?
7. What is a sinus? What type of membrane lines a sinus? Significance?
8. What two conditions related to the ethmoid bone may have clinical significance?
9. What is a fontanel?
11. How may you use a fontanel to diagnose an infant's physiologic state?
13. What are the four regions of the spinal cord?
14. What terms (3) are used to describe abnormal spinal curvatures?
15. What is the structure of an intervertebral disc? Function?
16. If a disc ruptures then how may this affect the skeletal muscle?(Fig 8.10)
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?