

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

(Note: You will be tested on the structural identification 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 functions?
4. Explain the anatomical relationship between the foramen magnum and the brainstem?
5. Why is brain edema a danger to life?
6. What is the common term used to describe the calvaria?
7. What is the structure of 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 the significance of the temporomandibular joint (TMJ)?
10. What is a fontanel?
11. How may you use the fontanel to diagnose the physiologic state of a newborn infant?
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. What may happen to your skeletal muscles if a disc ruptures? Danger?
What is the name of the operation to repair this condition? (Fig 8.10)
17. How is the anatomy different in the male and female pelvic girdle?
girdle? Why?
18. What bones form the palm of the hand?
19. What bone forms the heel of the foot?