

C8 Skeletal System, C9 Joints, and C10 Muscle System Essential Test Information

C8 Skeletal System

1. What is the functional unit of bone? Structure? Location of blood vessels and nerves?
2. How are the bone structure units arranged in compact and spongy bone? Which type of bone is harder?
3. What is the structure of an intervertebral disc? What may happen if it ruptures?
4. What is spinal osteoporosis? Who is more likely to have this disease? When? Why?

C9 Joints

1. What is another term for joints?
2. What two types of classification are used to describe joints? What is measured in each system?
3. What are the three functional classifications? (SAD) Degree of movement for each? Examples?
4. What are the three structural classifications?
5. What two terms may be used to describe freely moving joints? (Using structural and functional classification)
6. What happens to the epiphyseal plate after it is ossified? What functional names are used here?
7. What is the structure of synovial joints? Functional classification?
8. How are synovial joints stabilized?

C10

1. What characteristics are used to describe the three different types of muscle?
2. How is connective tissue integrated into a skeletal muscle?
3. Explain how the collagen fibers change as the connective tissue approaches the end of the muscle?
4. What is fascia?
5. What happens with compartment syndrome? Why?
6. What is a tendon?
7. What is an aponeurosis?
8. What is a retinaculum?
9. Are facial skeletal muscles attached to bones? Significance?
10. What is the difference between a prime mover, synergist, antagonist, and fixator muscle?