

Chapter 9

Joints can be classified structurally as **All of the answers are correct.**

The synarthrosis that binds the teeth to the bony sockets is a **gomphosis.**

An immovable joint is a(n) **synarthrosis.**

A synovial joint is an example of a(n) **diarthrosis.**

A slightly movable joint is a(n) **amphiarthrosis.**

A suture is an example of a(n) **synarthrosis.**

An epiphyseal line is an example of a **synostosis.**

Joints in which the bones are closely fitted are **synovial joints.**

Dense connective tissue is to a suture as a periodontal ligament is to a(n) **gomphosis.**

A freely movable joint is a(n) **diarthrosis.**

A joint where bones fuse together with bone tissue is called a **synostosis.**

Which of these is one of the four major types of synarthrotic joints? **All of the answers are correct.**

Which of the following occurs when the articular cartilage is damaged? **All of the answers are correct.**

Which of the following is **not** a function of synovial fluid? **increases osmotic pressure within joint**

Bursae are found in all of the following areas, **except** **around blood vessels.**

Which of these is **not** a property of articular cartilage? **covered by perichondrium**

The surface of articular cartilage is **both slick and smooth.**

Which of these is **not** considered to be an accessory synovial structure? **synovial membrane**

Degenerative changes in a joint can be the result of all of the following, **except** **bursitis.**

Mike falls off his skateboard and **sprains** his ankle. Which of the following most likely occurs with this type of accident? **A ligament is stretched and collagen fibers in the ligament are damaged**

Ankle extension is also called **plantar flexion.**

The joint between the -carpals is a/an _____ joint. **gliding**

A movement away from the midline of the body is termed **abduction.**

To pinch with a thumb and finger involves a movement called **opposition.**

A common injury to the ankle occurs by excessive turning of the sole inward, termed **inversion.**

Which of the following movements is a good example of flexion? **moving the hand toward the shoulder**

A twisting motion of the foot that turns the sole of the foot outward is known as **eversion.**

Curling into the "fetal position" _____ the intervertebral joints. **flexes**

An extension past the anatomical position is known as **hyperextension.**

All of the following are structural classifications of synovial joints, **except** **rolling.**

Which foot movement enables the ballerina to stand on her toes? **plantar flexion**

Which of the following movements is a good example of supination? **turning the hand palm up and**

Which of the following movements is a good example of hyperextension? **extreme bending of the head backwards**

Which of the following movements is a good example of abduction? **spreading the fingers**

Which of the following movements is a good example of depression? **opening the mouth**

Nodding "no" head "yes" is an example of **flexion and extension.**

A herniated intervertebral disc is caused by **protrusion of the nucleus pulposus.**

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Page 1 of 1