

## Module 10 Exam

### Question 1

2.5 / 2.5 pts

Multiple Choice:

Each of the following are true of gout except:



Uric acid dissolves readily in synovial fluid



Typically occurs at the first metatarsophalangeal joint



Anyone can get gout



Uric acid is a byproduct of purine metabolism

### Question 2

2.5 / 2.5 pts

Multiple Choice:

Which of the following would a patient likely report if you suspect they have OA?



Pain in their MCP joint



Stiffness in the morning that resolves in less than 30 minutes



Pain that would be described as "acute"



They feel "looser" after they move around

### Question 3

2.5 / 2.5 pts

Which of the following are true regarding syndesmoses? (mark all that apply)



They allow limited movement between them

They allow no movement between them

They allow a small degree of movement between them

They are separated by a fibrous disc

They are joined by dense connective tissue

#### Question 4

2.5 / 2.5 pts

Blood circulates through bone by what means? (mark all that apply)

Via the central Haversian and Volkmann canals

An anastomosis between perforating and nutrient arteries

Diffusion through the endosteal surface of the bone and the canaliculi

#### Question 5

0 / 2.5 pts

Multiple Choice:

Which of the following drugs is most commonly prescribed to treat osteoporosis?

Raloxifene

**Correct Answer**

Alendronate

Calcitonin

**Question 6**

2.5 / 2.5 pts

**Multiple Choice:**

Which of the following cells are stimulated by PTH?



Osteocytes



Osteoclasts



Osteoblasts



Osteoprogenitor cells

**Question 7**

2.5 / 2.5 pts

**Multiple Choice:**

Which of the following is false regarding OA?



It is characterized by the gradual deterioration of weight bearing joints



Males over the age of 55 have the highest incidence of OA



Age, gender, history of trauma, and weight all contribute to the risk of developing OA



Males have a higher incidence of developing OA at younger ages

**Question 8**

2.5 / 2.5 pts

**Multiple Choice:**

A patient has low serum calcium levels. Which of the following is true given this scenario?