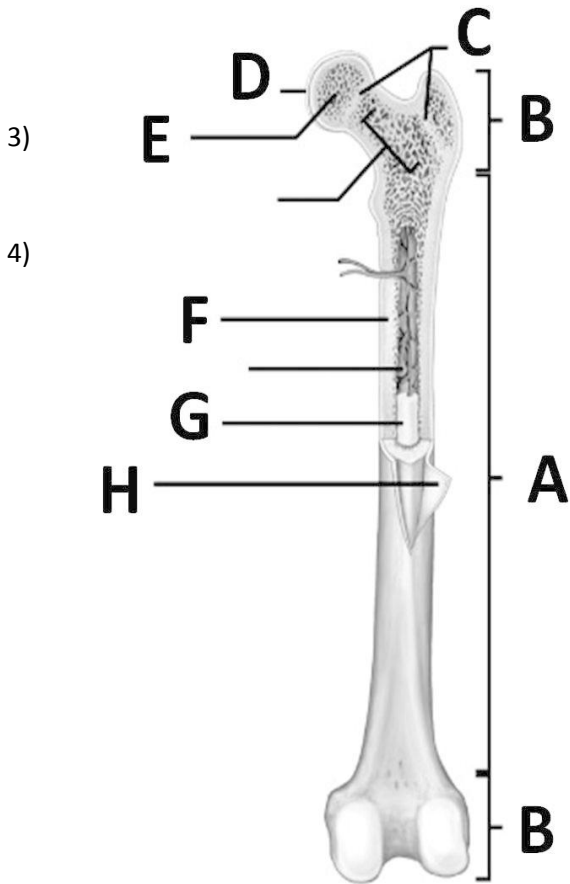


- 1) What is the primary difference between osteoporosis and osteoarthritis?
- 2) Label this cross section of bone

A) _____ B) _____ C) _____ D) _____
 E) _____ F) _____ G) _____ H) _____



True or False: Boils and Athletes foot are caused by the same pathogen

a. What skin disease is this picture indicating?

b. Indicate the layers of skin that are damaged? _____

c. What pathogen causes this disease?



- 5) _____
- 6) What types of joints are found in:

- a. Elbow
- b. Knuckles
- c. Neck
- d. Hip

- 7) A person comes in complaining of back pain, and upon looking at the X-Ray, you notice that _____ vertebrae is causing the issue.

List three components of bone marrow



8) What does the integumentary system consist of? List three things

9) List 4 functions of the skin

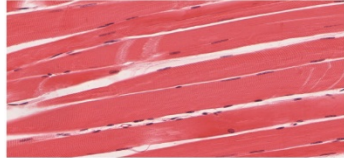
10) Ribs, Neck bones, Sternum are all part of the _____ skeleton while humerus, femur, ulna and radius are examples of bones that are part of the _____ skeleton.

11) True or False: Scoliosis is based entirely on an individual's skeleton's exposures to harsh conditions.

12) Identify the different types of muscle tissue:

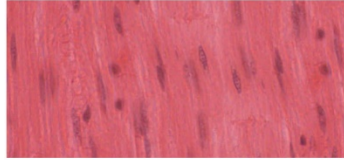
- a. _____
- b. _____
- c. _____

13)



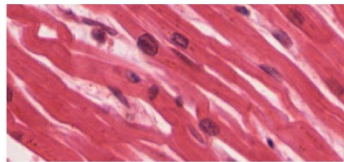
(a)

Calcium binds to _____ to expose the _____ for the _____ to attach to the _____. _____ are de-phosphorylated, allowing for binding to the _____.



(b)

14)



(c)

What is acetylcholine's role in the skeletal muscle contraction system?

15) List five functions of the muscular system

16) What is the origin and the insertion of a muscle contraction process, from a general stance?

O:

I:

17) Explain how skeletal system muscles produce heat

18) Continuous, strenuous exercise is a way to prevent strains and sprains: True or False

19) Due to exercise, _____ grow longer and stronger

20) Due to aging, these bone cells start to lose their ability to heal and repair:

21) Muscular dystrophy is non-genomic and there is no such thing as an oral vaccine for poliomyelitis: True or False