

Name: \_\_\_\_\_

Period: \_\_\_\_\_

## Unit 4: Skeletal System Test Review

### Test Review

1. List four functions of the skeletal system:
  - a.
  - b.
  - c.
  - d.
2. Define ossification and identify the roles of the osteoblasts, osteocytes, and osteoclasts in the growth of bones.
3. Describe the structural and functional features of a typical long bone.
  - a. periosteum
  - b. diaphysis
  - c. epiphysis
  - d. red marrow
  - e. yellow marrow
  - f. articular cartilage
  - g. endosteum
4. Describe the following classes of bone and give an example of each.
  - a. long
  - b. short
  - c. flat
  - d. irregular

5. Describe the following bone markings:

- a. foramen
- b. meatus
- c. sinus
- d. fossa
- e. condyle
- f. tuberosity
- g. trochanter
- h. tubercle
- i. process

6. Describe the terms suture and fontanel.

7. Identify the major groups of bone which belong to the axial skeleton and to the appendicular skeleton.

a. axial:

b. appendicular:

8. Describe the location of the following skull bones:

a. mandible:

b. hyoid:

9. List the number of vertebrae and the nicknames of the cervical vertebrae listed.:  
a. cervical:

b. thoracic:

c. lumbar:

d. sacrum:

e. coccyx:

10. Describe the structural classification of the following articulations:

a. fibrous:

b. synovial:

c. cartilaginous:

11. Describe a ligament and its role in a synovial joint.

12. Describe the diseases and disorders of the skeletal system:

a. herniated disc:

b. osteoarthritis:

c. Osteoporosis:

d. Scoliosis:

e. Spina Bifida: