1. Which of the following increase the risk of developing osteoporosis?

A. Low intake of dietary calcium  
B. Lack of physical exercise  
C. Smoking  
D. Low intake of vitamin D  
E. All of these

2. An osteocyte is a ______

A. bone forming cell.  
B. cell that breaks down bone.  
C. bone cell surrounded by matrix.  
D. bone marrow cell.  
E. nerve cell in the bone.

3. The microscopic bony chambers that house mature bone cells are called ______

A. lacunae.  
B. central canals.  
C. osteons.  
D. perforating canals.  
E. canaliculi.

4. The salts that are abundant in the extracellular matrix of bone tissue consist largely of ______

A. calcium phosphate.  
B. sodium chloride.
C. calcium carbonate.
D. calcium sulfate.
E. sodium bicarbonate.

5. Osteoclasts are large cells that cause the breakdown of osseous tissue.

   True    False

6. _______ are the cells that form bone tissue by depositing bony matrix around themselves.

   __________________________

7. The _________ is the thin layer of cells that lines the medullary cavity within a long bone.

   __________________________

8. A long bone grows in thickness as bone tissue is deposited beneath its _________.

   __________________________

9. Which of the following is NOT a step in the formation of endochondral bone?

   A. Hyaline cartilage develops into the shape of the future bone.
   B. Periosteum forms from connective tissue on the outside of the developing bone.
   C. Hyaline cartilage changes to adipose tissue.
   D. Osteoblasts deposit osseous tissue in place of disintegrating cartilage.
   E. Osteoblasts deposit compact bone beneath the periosteum.

10. Bone that develops within sheetlike layers of connective tissue is called ______

    A. endochondral bone.
    B. intramembranous bone.
    C. cartilaginous bone.
    D. osteoclastic bone.
    E. appendicular bone.

11. Red bone marrow functions in the formation of ______
A. osteocytes.
B. red blood cells only.
C. white blood cells only.
D. red and white blood cells only.
E. red and white blood cells and platelets.

12. The cells responsible for removing excess bone tissue after the fracture repair process are ______

A. fibroblasts.
B. chondrocytes.
C. osteoblasts.
D. osteoclasts.
E. osteocytes.

13. Vitamin D is needed for the proper absorption of calcium in the small intestine.

True   False

14. The basic parts of a(an) ________ include a rod, fulcrum, weight, and force.

________________________________________

15. ________ is the process of blood cell formation.

________________________________________

16. Which of the following bones is NOT included within the lower limb?

A. Ulna
B. Femur
C. Tibia
D. Fibula
E. Patella
17. Which of the following is NOT included in the appendicular skeleton?

A. Pectoral girdle
B. Vertebral column
C. Upper limbs
D. Pelvic girdle
E. Lower limbs

18. Which of the following is included in the pectoral girdle?

A. Hip bone
B. Sternum
C. Sacrum
D. Scapula
E. Coccyx

19. The appendicular skeleton consists of the parts that support and protect the head, neck, and trunk.

True  False

20. The zygomatic arch is composed of processes of the _______

A. zygomatic and temporal bones.
B. zygomatic and maxilla bones.
C. maxilla and temporal bones.
D. temporal and parietal bones.
E. zygomatic and sphenoid bones.

21. Which of the following is part of the facial skeleton?

A. Parietal bone
B. Maxillary bone
C. Sphenoid bone  
D. Temporal bone  
E. Ethmoid bone

22. A cleft palate results from incomplete development of the _______

A. palatine bones.  
B. maxillae.  
C. mandible.  
D. vomer bone.  
E. frontal bone.

23. The parietal bones meet the frontal bone along the sagittal suture.

True    False

24. The importance of fontanels in the infant's skull is to permit some movement of bones, thereby enabling the infant to pass more easily though the birth canal.

True    False

25. Cervical vertebrae can be distinguished from other types by the presence of

A. transverse foramina.  
B. transverse processes.  
C. articulating processes.  
D. vertebral foramina.  
E. intervertebral discs.

26. The cartilaginous parts that separate the vertebrae are called __________.

______________________________

27. Which of the following bones has an acromion process?
A. Sternum  
B. Scapula  
C. Clavicle  
D. Humerus  
E. Vertebra

28. The humerus has an olecranon fossa.
   True    False

29. The bones of the wrist together form the __________.
   ____________________________

30. A hip bone includes a (an) ______
   A. ilium.  
   B. ischium.  
   C. pubis.  
   D. acetabulum.  
   E. all of these.

31. The tarsal bones form the wrist.
   True    False

32. The joints between the vertebrae of the backbone are best described as ______
   A. immovable.  
   B. slightly movable.  
   C. freely movable.  
   D. synovial.  
   E. fibrous.

33. The degenerative joint disease osteoarthritis may develop as a result of damage to the ______
A. articular cartilage.
B. diaphysis.
C. epiphyseal plate.
D. periosteum.
E. medullary cavity.

34. A meniscus functions to cushion articulating surfaces of bones.
   True    False

35. Synovial fluid moistens and lubricates the cartilaginous surfaces within a joint.
   True    False

36. The hip joint is a pivot joint.
   True    False

37. The movement of a limb away from the midline is ______.
   ________________________________

38. The joint created by the two pubic bones is the ________.
   ________________________________

39. A bone includes ______
   A. bone tissue.
   B. blood.
   C. dense connective tissue.
   D. cartilage.
   E. all of these.

40. Which of the following is not a function of bone?
   A. To protect soft tissues
   B. To house blood-producing cells
C. To provide nervous communication from bone to muscle
D. To store inorganic salts
E. To provide points of attachment for muscles

41. The zygomatic bone is an example of a (an) _______

A. long bone.
B. short bone.
C. flat bone.
D. irregular bone.
E. sesamoid bone.

42. Articular cartilage is _______

A. hyaline cartilage.
B. fibrocartilage.
C. elastic cartilage.
D. found only in the knees and elbows.
E. located on the diaphysis of long bones.

43. The presence of an epiphyseal plate indicates that _______

A. the bone is broken.
B. the bone is dead.
C. the bone is increasing in diameter.
D. the bone is lengthening.
E. the bone is no longer lengthening.

44. Sinuses are found within all of the following bones except the _______

A. frontal bone.
B. maxillae.
C. zygomatic bones.
D. ethmoid bones.
E. sphenoid bones.

45. Most people have 24 ribs.

True    False

46. The xiphoid process is part of the _________________.


47. Which of the following describes the female pelvis compared to that of the male?

A. The distance between the female ischial tuberosities is less.
B. The distance between the female ischial spines is greater.
C. The female iliac bones are less flared.
D. The female pelvic cavity is narrower.
E. The female coccyx is less movable.

48. The ___________
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Which of the following terms and descriptions is correctly paired?
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1. Which of the following increase the risk of developing osteoporosis?

A. Low intake of calcium

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Blooms Level: 1.
Remember Chapter 07 #1 Learning Outcome: 07.0 3
2. An osteocyte is a

A. bone forming cell.

B. cell that breaks

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Bloom Level: 2.
Understanding Chapter 7
Learning Outcome: 07.0

Chapter 07 #2 Learning Outcome: 07.0

3 Topic: Skeletal...
3. The microscopic bone chambers that house the mature bone cells are called ___ ___ ___.__

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Ec an n
4. The salts that are abundant in the external racell
ular matrix of bone tissue consists largely of ___ ___ ___ ___.

A. calcium phosphate.

B. sodi...
Learning Outcome: 07.04

Topic: Skeletal System

5. Osteoclasts are...
ge cells that cause the breakdown of osseous tissue.

**TRUE**

Bloom's Level: 2.
Understand Chapter 07 #5 Learning Outcome: 07.03 Topic: Skeletal System
6. ___
   ___
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   are the cells that form bone tissue by depositing bony matrix around themselves.

**Ossteo**

**Blasts**
Learning Outcome: 07.0

Topic: Skeletal System

7. The ___ ___ ___ ___ ___ ___ ___ is the thin layer of cells that lines the medullar y ca
vity within a long bone.

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#7 Learning Outcome:
07.0 2 Topi
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8. A long
g bone
grows in
thickness as bone tissue is deposited beneath its __ __ __ 

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Bloom Level: 1.
Remember Chapter - Chapter 07 #8 Learning Outcome: 07.0
9. Which of the following is NOT a step in the formation of endochondral bone?

AH
cartilage develops into the shape of the future bone.
side of the developing bone.

Y. Yanine cartilage exchange
10. Bone that develops within sheets like layers of connect
ive tissue is called ____ ____  ____

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C. White blood cells only.

D. Red and white blood cells only.

E. Red and white blood cells only.

Er
ed and white blood cells and platelets.

Bloom Leve l: 1. Remember Chapter - Chapter
12. The cells responsible for removing excess bone tissue after the fracture repair process
are


A. fibrils.

B. chondrocytes.

C. osteoblasts.
13. Vitamin D is needed for the proper absorption of calcium in the small intestine.

TRUE
14. The basic parts of a (an) ___ ___ ___ include a rod, fulcrum, weight, and force.
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Topic:
Skeletal System

15. ___
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Chapter 07 
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16. Which of the following 
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17. Which of the following is NOT included in the appendicular skeleton?

A. Pelvis

B. Humerus

C. Clavicle

D. Vertebrae
Bloom's Taxonomy
Level 1: 2
Understanding
Chapter 07
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Learning Outcome: 07.0
Topic: Skeletal System
18. Which of the following is included
in the pectoral girdle?

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Chapter 07
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5
Topic: Skeletal System

19. The appendicular skeleton consists of the parts that
support and protect the head, neck, and trunk.

**False**

Bloom's Levels
Level 1: 2.
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Learning Outcome:
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Topic: Skeletal System
20. The zygomatic arch is composed of processes of the ___ ___ ___.
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Bloom's Level: 1.
Remember - Chapter 07 #20 Learning Outcome: 07.06 Topic: Skeletal System.

21. Which
of the following is part of the facial skeleton?

A. Parietal bone
B. Maxillary bone
C. Sphenoid bone

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D T e m p o r a l b o n e
E E t h m o i d b o n e

B l o o m s
L e v e l: 1.
R e m m e m b e r
C h a p t e r
Chapter 07
#21 Learning Outcome: 07.06

Topic: Skeletal System

22. A cleft palate results from incomplete development of the ___ ___ ___ ___ ___ Ap a l
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tinebones.

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onta.
23. The parietal bones meet the frontal bones.

Bloom's
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Understanding
Chapter 07
#22 Learning Outcome: 07.06
Topic: Skeletal System
ne along the sagittal suture.

FALSE

Blooms Level: 1. Remember Chapter 07 #23 Learning Outcome: 07.06 Topic: Skeletal System

24. The importance of fon
tangels in the infant's skull is to permit some movement of bones, thereby enabling the infant to pass more easily through the
the birth canal.

TRUE

Bloms Level: 2. Understand Chapter - Chapter 07 #24 Learning Outcome: 07.0 6 Topic: Skeletal System 25. Cervical vertebrae can be distinguished
shed from other types by the presence of

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Blooms Level: 2.

Understand Chapter - Chapter 07 #25 Learning Outcome: 07.0 7
26. The cartilageous parts that separate the vertebrae are called ___ ___ ___ ___ ___ intervertebral discs.
27. Which of the following bones has an acronym process?

A. Ster
28. The human has an olecranon fossa.
29. The bones of the wrist together form the ___ ___ ___ ___ ___ ___ carpus.

Blooms Level 1: 2. Understand Chapter #29 Learning Outcome: 07.1
30. A
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Bloom Level: 1. Remember

Chapter 07 #30 Learning Outcome: 07.1 1 Topic: Skeletal System

31. The tar sal bo
ne s for m the wrist.

**False**

Blom Leve l: 1. Rem emb er Chapter - Chapter 07 #31 Learning Outcome: 07.1 2 Topic: Skeletal Syst em

32. The joints bet we en the verteb
of the bone are best described as ___ ___ ___ –

Ai
. m m o v a b l e .

B sl i g h tl y m o v a b
C. freely move.

D. disadvantage.

E. fish.

Bloom Level: 1.

Reminder Chapter 07: #32 Lear
33. The degenerative joint disease osteoarthrits may develop as a result of damage to the ___
Aa.

Bd.

Ce.
Learning Outcome:
34. Amnis cus functions to cushion articulating surfaces of bones.

TRUE

Bloom's
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i: 1.
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35. Synovial fluid moistens and lubricates the cartilaginous surfaces within a joint.
36. The hip joint is a pivot joint.
37. The movement of a limb away from the midline is ___ ___ ___.

abduction
38. The joint created by the two pubic bones is the ___ ___ ___ ___ ___.
39. A bone includes:
- [ ]
- [ ]
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Learning Outcome: 07.01

Topic: Skeletal System

40. Which of the following is not a function?
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Chapter 07
Learning Outcome: 07.0 1
Topic: Skeletal System

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42. Articular cartilage

A. Hyaline articular cartilage
B. Fibrocartilage
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Celastic cartilage.
Dfound only in the knees.
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Edged on the diaphysis of long bones.
The presence of an epiphyseal plate indicates that
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___
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But the book is dead.
Can the book is inc...
44. Sinuses are found within all of the following bones except the ___ ___ ___.
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Learning Outcome:
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Topic:
Skeletal System

45. Most people have 24 ribs.

TRUE
Learning Outcome: 07.08

Topic: Skeletal System

46. The expiratory process is part of the ___ __ __ __ __ __ __ __ __ __ __.

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Bloom's Level
47. Which of the following describes the female pelvis compared to that of the
male?

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48. The e fe
Ais the longest bone in the body.

Be extends from
ulates with the patella.

Eis all of these.

Bloom Leve l: 1. Remember Chapter - Chapter 07 #48
49. Which of the following terms and descriptions is correctly paired?

A. Extenso
between the femur and tibia

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Understand Chapter 07 #49 Learning Outcome: 07.1 3 Topic: Skeletal System
7 Summary

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Chapter 07

Learning Outcome: 0.70
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