

Test Bank for Bontragers Textbook of Radiographic Positioning and Related Anatomy 10th Edition by Lampignano

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Chapter 01: Terminology, Positioning, and Imaging Principles
Lampignano: Bontrager's Textbook of Radiographic Positioning and Related Anatomy, 10th Edition

MULTIPLE CHOICE

1. The lowest level of structural organization in the human body is the _____ level.
- molecular
 - cellular
 - chemical
 - atomic

ANS: C REF: 3

2. What type of tissue binds together and supports the various structures of the body?
- Epithelial
 - Connective
 - Muscular
 - Nervous

ANS: B REF: 3

3. What type of tissue covers internal and external surfaces of the body?
- Muscular
 - Connective
 - Nervous
 - Epithelial

ANS: D REF: 3

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4. How many individual body systems comprise the human body?
- 22
 - 13
 - 10
 - 8

ANS: C REF: 3

5. How many separate bones are found in the adult human body?
- 181
 - 215
 - 206
 - 236

ANS: C REF: 4

6. Which system of the human body is responsible for the elimination of solid waste?
- Circulatory
 - Respiratory
 - Urinary
 - Digestive

ANS: D

REF: 4

7. Which of the following systems of the human body includes all ductless glands of the body?
- Endocrine
 - Integumentary
 - Muscular
 - Glandular

ANS: A

REF: 6

8. Which of the following body systems helps to regulate body temperature?
- Circulatory
 - Urinary
 - Endocrine
 - Nervous

ANS: A

REF: 7

9. Which of the following bones is part of the axial skeleton?
- Radius
 - Hip bone
 - Clavicle
 - Sternum

ANS: D

REF: 7

10. How many bones are there in the adult axial skeleton?
- 206
 - 80
 - 54
 - 126

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ANS: B

REF: 7

11. What is the name of the small oval-shaped bone found in tendons?
- Wormian
 - Tendinous
 - Irregular
 - Sesamoid

ANS: D

REF: 8

12. Which of the following bones is classified as a long bone?
- Carpal bone
 - Scapula
 - Cranium
 - Humerus

ANS: D

REF: 8

13. What is the name of the dense fibrous membrane that covers bone?
- Cancellous portion

- b. Periosteum
- c. Diploë
- d. Medullary portion

ANS: B REF: 10

14. Which of the following bones is classified as a short bone?
- a. Vertebrae
 - b. Phalanges (toes)
 - c. Scapulae
 - d. Carpals (wrist bones)

ANS: D REF: 10

15. Which of the following is a secondary growth center for endochondral ossification?
- a. Diaphysis
 - b. Epiphyses
 - c. Metaphysis
 - d. Articular cartilage

ANS: B REF: 10

16. Which aspect of the long bones is responsible for the production of red blood cells?
- a. Compact bone
 - b. Periosteum
 - c. Medullary cavity
 - d. Spongy or cancellous bone

ANS: D REF: 10

17. Examples of “flat” bones are the:
- a. calvaria, ribs, scapulae, and sternum.
 - b. ribs, sternum, patella, and ilia of pelvis.
 - c. sternum, scapulae, ilia of pelvis, and base of cranium.
 - d. sternum and ilia of pelvis only.

ANS: A REF: 10

18. What is the primary center for bone growth termed?
- a. Epiphyses
 - b. Diaphysis
 - c. Metaphysis
 - d. Epiphyseal plate

ANS: B REF: 10

19. Which of the following is NOT a functional classification of joints?
- a. Synarthrosis
 - b. Amphiarthrosis
 - c. Cartilaginous
 - d. Diarthrosis

ANS: C REF: 11