

**Chapter 01: Introduction to the Human Body**  
**Herlihy: The Human Body in Health and Illness, 6th Edition**

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**MULTIPLE CHOICE**

1. What is the branch of science that studies how the body functions?
  - a. Anatomy
  - b. Histology
  - c. Pathology
  - d. Physiology

ANS: D

2. Which word comes from the Greek word meaning “to dissect”?
  - a. Anatomy
  - b. Histology
  - c. Pathology
  - d. Physiology

ANS: A

3. Which of the following is a higher order of organization?
  - a. Molecule
  - b. Cell
  - c. Organ
  - d. Tissue

ANS: C

4. The head is located \_\_\_\_\_ to the chest.
  - a. anterior
  - b. inferior
  - c. deep
  - d. superior

ANS: D

5. The foot is located \_\_\_\_\_ to the leg.
  - a. proximal
  - b. superior
  - c. superficial
  - d. distal

ANS: D

6. The leg is \_\_\_\_\_ to the thigh.
  - a. distal
  - b. proximal
  - c. superior
  - d. deep

ANS: A

7. The thigh is \_\_\_\_\_ to the foot.
- a. distal
  - b. proximal
  - c. inferior
  - d. deep

ANS: B

8. The thoracic cavity is \_\_\_\_\_ to the abdominopelvic cavity.
- a. deep
  - b. distal
  - c. anterior
  - d. superior

ANS: D

9. The kneecap is located distal to the
- a. leg.
  - b. thigh.
  - c. foot.
  - d. toes.

ANS: B

10. Which organ is located in both the ventral and thoracic cavities?
- a. Stomach
  - b. Liver
  - c. Lung
  - d. Spinal cord

ANS: C

11. Which organ is located in the ventral cavity but not in the thoracic cavity?
- a. Lung
  - b. Heart
  - c. Liver
  - d. Brain

ANS: C

12. Which organ is located in the dorsal cavity?
- a. Liver
  - b. Brain
  - c. Heart
  - d. Urinary bladder

ANS: B

13. Which of the following is descriptive of the location of the reproductive organs?
- a. Dorsal cavity and vertebral cavity
  - b. Mediastinum and the thoracic cavity
  - c. Ventral cavity and pelvic cavity

d. Pleural cavity and mediastinum

ANS: C

14. Which cavity is divided into quadrants?

- a. Thoracic
- b. Abdominopelvic
- c. Dorsal
- d. Cranial

ANS: B

15. Which region is included within the right upper quadrant (RUQ)?

- a. Umbilical
- b. Hypogastric
- c. Right iliac
- d. Right hypochondriac

ANS: D

16. Which region is included within the left lower quadrant (LLQ)?

- a. Umbilical
- b. Left hypochondriac
- c. Epigastric
- d. Left iliac

ANS: D

17. Which of the following refers to the umbilicus?

- a. Groin
- b. Armpit
- c. Navel
- d. Patellar

ANS: C

18. Which of the following refers to the lower back region?

- a. Groin
- b. Axillary
- c. Umbilical
- d. Lumbar

ANS: D

19. Which of the following refers to the groin region?

- a. Axillary
- b. Lumbar
- c. Cranial
- d. Inguinal

ANS: D

20. Which of the following refers to the area in front of the elbow?

- a. Axillary
- b. Brachial
- c. Antecubital
- d. Popliteal

ANS: C

21. Which area appears only on the anterior part of the body?
- a. Popliteal
  - b. Umbilical
  - c. Lumbar
  - d. Occipital

ANS: B

22. Which area appears only on the posterior part of the body?
- a. Gluteal
  - b. Patellar
  - c. Umbilical
  - d. Sternal

ANS: A

23. Which area is inferior to the diaphragm?
- a. Axillary
  - b. Inguinal
  - c. Occipital
  - d. Cervical

ANS: B

24. What is another name for the frontal plane?
- a. Sagittal plane
  - b. Cross section
  - c. Transverse plane
  - d. Coronal plane

ANS: D

25. Which plane divides the body into right and left halves?
- a. Sagittal
  - b. Coronal
  - c. Transverse
  - d. Frontal

ANS: A

26. In which cavity is the mediastinum located?
- a. Pelvic
  - b. Dorsal
  - c. Thoracic
  - d. Abdominal

ANS: C

27. Which organ is located within the mediastinum?
- Lungs
  - Stomach
  - Liver
  - Heart

ANS: D

28. In which cavity is the heart not located?
- Mediastinum
  - Thoracic cavity
  - Ventral cavity
  - Dorsal cavity

ANS: D

29. Which organ is located in the ventral cavity and thoracic cavity but not in the mediastinum?
- Lung
  - Liver
  - Stomach
  - Heart

ANS: A

30. Which group is incorrect?
- Planes: transverse, sagittal, frontal
  - Cavities: dorsal, ventral
  - Ventral cavities: thoracic, vertebral
  - Organs: heart, stomach, lungs, brain

ANS: C

31. Which group is incorrect?
- Cavities: dorsal, ventral
  - Ventral cavities: thoracic, abdominopelvic
  - Organ systems: circulatory, digestive, respiratory, brain
  - Organs: heart, stomach, lungs, liver

ANS: C

32. Which group is incorrect?
- Planes: sagittal, frontal, transverse
  - Ventral cavities: thoracic, abdominopelvic, cranial
  - Dorsal cavities: cranial, vertebral
  - Organ systems: circulatory, digestive, respiratory

ANS: B

33. The distal humerus (arm bone) is
- closer to the axillary area than to the elbow.
  - closer to the wrist than to the antecubital area.