

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

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?
- a. Lungs
 - b. Stomach
 - c. Liver
 - d. Heart

ANS: D

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

ANS: D

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

ANS: A

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

ANS: C

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

ANS: C

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

ANS: B

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