

Chapter 1 (Honors) Study Guide

1. Distinguish between sectional planes: sagittal, coronal, and transverse.
2. Define metabolism.
3. Define and apply directional terms: superior/inferior, lateral/medial, distal/proximal, posterior/anterior, superficial/deep)
4. Distinguish between 3 types of serous membranes: pleura, peritoneum, and pericardium.
5. Distinguish between visceral and parietal membranes of serous membranes.
6. If cut is made into the organ, list the membranes penetrated by the scalpel in order.
7. Distinguish between anatomy and physiology.
8. Identify characteristics of life based on the description given.
9. Identify the body cavities based on given descriptions and organs.
10. Distinguish between ventral and dorsal body cavities.
11. What separates thoracic cavity and abdominopelvic cavity?
12. List the requirements for the maintenance of life.
13. Identify the regions of abdominopelvic cavity based on the given organs.
14. Define and explain the process of homeostasis.
15. Distinguish between negative feedback and positive feedback in homeostasis.
16. Examples of negative feedback and positive feedback.
17. List and describe levels of organization in sequence.
18. Describe the components of homeostasis: sensor, set point (control center), and effector.
19. Describe the body in an anatomical position.
20. Identify organ systems based on the given organs and functions.
21. Distinguish between axial portion and appendicular portion of the body.
22. Describe the location of body regions.