

10% for each question:

1. Name the cranial nerves and describe their functions.
2. Describe and compare the structural components of various blood vessels.
3. Describe the locations of valves in the circulatory system and their functions.
4. Compare the structures among three different types of muscle fibers.
5. Define:
 - a. hyperplasia
 - b. hypertrophy
 - c. ipsilateral
 - d. proximal
 - e. sagittal
6. Describe the locations of endothelial cells and epithelial cells in adult humans.
7. State the locations of arterial baroreceptors and chemoreceptors. What do they detect and through which nerves the signals are transmitted to the centers?
8. Describe the structure and function of neurohypophysis.
9. What is the functional unit of the kidney? Please describe its structure.
10. Describe a commonly used method to identify the distribution or expression of a protein in tissues.