

Tissue Characteristics Worksheet

Multiple Choice

1. A voluntary type of muscle tissue is
 - a. Skeletal
 - b. Cardiac
 - c. Smooth
 - d. A and B
 - e. A and C
2. An involuntary muscle tissue is
 - a. Skeletal
 - b. Cardiac
 - c. Smooth
 - d. B and C
 - e. A and C
3. Which of these muscles is striated?
 - a. Skeletal
 - b. Cardiac
 - c. Smooth
 - d. A and B
 - e. All of the above
4. Which of these is most likely to be found in the wall of the urinary tract?
 - a. Skeletal
 - b. Cardiac
 - c. Smooth
5. Cardiac muscle fibers are connected end to end by means of
 - a. Velcro
 - b. Intercalated disks
 - c. Striations
 - d. Branching
6. Which of these cells is likely to have multiple nuclei?
 - a. Skeletal
 - b. Cardiac
 - c. Smooth
 - d. Neuron
 - e. A and C
 - f. A, C, and D
7. Nerve tissue contains cells called
 - a. Fibers
 - b. Neurons
 - c. Glia
 - d. Striated cells
 - e. B and C
8. Nerve tissue forms the bulk of the
 - a. Brain
 - b. Heart
 - c. Digestive tract
 - d. Vertebrae
 - e. A and D

9. Which of the following is not an example of epithelial membrane?
 - a. Synovial
 - b. Serous
 - c. Mucous
 - d. cutaneous

Fill in the Blank

10. _____ glands secrete substances onto epithelial surfaces.
11. _____ epithelial tissue is well adapted to excessive stretching.
12. _____ is a tough, waterproof material found in the upper layers of some stratified squamous epithelium.
13. _____ is a type of epithelial tissue found on the palms of the hands.

Matching (may be used more than once)

A. epithelial B. connective C. muscle
D. nervous

14. can contract and relax
15. lines hollow organs
16. blood
17. adipose
18. bone
19. skeletal and smooth
20. cardiac
21. brain and spinal cord
22. cartilage
23. glands
24. simple squamous
25. tendons and ligaments

Matching (may be used more than once or not at all)

A. dense fibrous B. adipose C. hyaline
D. fibrocartilage E. elastic F. compact bone

26. modified areolar tissue
27. tissue type that stores lipid molecules
28. composed of haversian systems
29. most common type of cartilage
30. strong tissue that forms ligaments and tendons
31. forms intervertebral disks