

Practice questions:
Epithelial tissue

Note: An answer may be used more than once or not at all.

Key: A. Simple squamous B. Stratified squamous C. Simple columnar
D. Cuboid E. Pseudostratified ciliated columnar F. Transitional

1. ____ Which type of epithelia forms glands?
2. ____ Which type of epithelia would cover organs within the abdominal cavity?
3. ____ You've dissected a pig stomach and are touching the stomach lining. Which type of epithelia are you touching?
4. ____ Which type of epithelia consists of multi-layered, fried egg shaped cells?
5. ____ Seeing food would cause this epithelia to begin generating more saliva.
6. ____ Which type of epithelium would be the hardest to penetrate?
7. ____ Smokers develop infections of their air passageways (bronchi etc.) because chemicals in smoke damage this epithelia.
8. ____ Popular skin cleansing and moisturizing products often make the skin less protective by removing the outermost layers of this epithelia.
9. ____ Which type of epithelium would be located at opening and exits to the body because of it's ability to resist wear and tear?
10. ____ Nutrients and wastes are exchanged through the walls of capillaries (smallest blood vessels) and carbon dioxide and oxygen are exchanged through alveolar walls (air sacs) in the lungs. The walls of these structures would most likely be composed of which epithelia?
11. ____ Which epithelia can withstand large changes in tension?

Answers: 1(D); 2(A); 3(C); 4(B); 5(D); 6(B); 7(E); 8(B); 9(B); 10(A); 11(F)