

42. Select the correct statement regarding the cells of connective tissue.
- Connective tissue does not contain cells.
 - Connective tissue cells are nondividing.
 - Chondroblasts are the main cell type of connective tissue proper.
 - Goblet cells are considered to be unicellular exocrine glands
43. A multilayered epithelium with cuboidal basal cells and flat cells at its apical surface would be classified as:
- stratified cuboidal
 - simple squamous
 - simple cuboidal
 - stratified squamous
 - None of the above; there is no epithelium that matches this description.
44. Glands, such as the thyroid, that secrete their products directly into the blood rather than through ducts are classified as:
- apocrine
 - exocrine
 - endocrine
 - sebaceous
45. An exocrine gland in which cells secrete their product by exocytosis is called a(n):
- merocrine gland
 - simple gland
 - holocrine gland
 - acinar gland
 - apocrine gland
46. The original embryonic connective tissue is?
- mucous connective
 - mesoderm
 - vascular
 - areolar connective
 - connective tissue proper
47. The three main components of connective tissue are:
- ground substance, fibers and cells
 - alveoli, fibrous capsule and secretory cells
 - collagen, elastin and reticular fibers
 - fibroblasts, chondroblasts and osteoblasts
48. Which cell organelle is the site of fatty acid, phospholipid, and steroid synthesis?
- Golgi complex
 - lysosome
 - mitochondria
 - rough endoplasmic reticulum
 - smooth endoplasmic reticulum

