

Practice Exam Question for Midterm 1

1. These organelles are found in animal cells and are used primarily in the transport of materials into and out of cells;
 - a. tonoplasts
 - b. vacuoles
 - c. vesicles
 - d. plastids
 - e. peroxisomes
2. Which cellular structure is NOT surrounded by at least one membrane?
 - a. chloroplast
 - b. nuclei
 - c. lysosome
 - d. ribosome
 - e. Golgi body
3. Proteins are made of monomers (building blocks) called:
 - a. fatty acids
 - b. triglycerides
 - c. monosaccharides
 - d. peptides
 - e. amino acids
4. The principal storage form for sugar in higher animals is:
 - a. sucrose
 - b. starch
 - c. glucose
 - d. trehalose
 - e. glycogen
5. What cellular structure makes it possible for a cell to differ structurally and biochemically from its surroundings?
 - a. cell wall
 - b. nucleus
 - c. endoplasmic reticulum
 - d. phospholipids
 - e. cell membrane
6. The endoplasmic reticulum is said to be rough if it has attached:
 - a. ribosomes
 - b. plastids
 - c. mitochondria
 - d. vesicles
 - e. Golgi complexes