

Quiz - Golgi Body

Part A: True/False Questions

1. Golgi only presents in plant cells.
2. Golgi is not responsible for synthesis of synthesis of proteoglycans.
3. Proteoglycans is abundant in extracellular matrix.
4. Golgi is responsible for sorting materials for departure of specific destination.
5. The modification of proteins in Golgi cannot form signals for localization of proteins.
6. Vesicles from Golgi which are not localized to lysosome will enter the secretory pathway.
7. Golgi is only responsible for protein modification.
8. Damaged organelles are digested at lysosomes.
9. Lysosome contains hydrolytic enzymes.
10. All vesicles released by Golgi will go to the lysosomes.

Part B: Multiple Choice Questions

1. What is the Golgi apparatus known as?
 - A. Golgi body
 - B. Golgi Complex
 - C. Golgi
 - D. All of the above
2. What is the Golgi made up of?
 - A. Stacks of membrane enclosed lumen
 - B. Water
 - C. Proteins
 - D. None of the above
3. Where can the Golgi be found?
 - A. Next to the endoplasmic reticulum
 - B. Inside of the nucleus
 - C. Outside the cell
 - D. On the cell membrane
4. What forms the Golgi apparatus?
 - A. Proteins
 - B. Carbohydrates
 - C. Cisternae
 - D. None of the above
5. How many cisternae can usually be found in one Golgi stack?
 - A. 0-3
 - B. 4-6
 - C. 7-9
 - D. >10

6. Which of the following is the major site of protein modification?
 - A. Endoplasmic reticulum
 - B. Golgi
 - C. Cell membrane
 - D. Mitochondrion

7. Which of the following is a major role of Golgi?
 - A. Sorting and packaging the modified proteins
 - B. Synthesis of plasma β -cells and antibodies
 - C. Synthesis of proteoglycans
 - D. All of the above

8. Where does modified proteins bud off at Golgi?
 - A. Outer surface
 - B. Inner surface
 - C. Trans face
 - D. None of the above

9. How will the content inside vesicles which are not localized at lysosome be released into plasma membrane?
 - A. Exocytosis
 - B. Endocytosis
 - C. Phagocytosis
 - D. None of the above

10. Which of the following is correct about cisternae?
 - A. A stack of structures which forms Golgi
 - B. Contains enzymes for protein modification
 - C. Consists of flat and membrane-bound cisternae
 - D. All of the above