

CLASS ACTIVITY – AREOLAR CONNECTIVE TISSUE

1. Describe the build of the areolar connective tissue
2. What is the largest part of connective tissue called
3. Give the three main functions off connective tissue

ANSWERS

1. The matrix is jelly like, we have two fibres that make up areolar tissue: yellow elastic fibres and white inelastic collagen fibres
2. The matrix
3. Binds, supports or surrounds other tissues or organs

CLASS ACTIVITY – DENSE CONNECTIVE TISSUE

1. Tabulate the main difference between tendons and ligaments
2. Give the definition of a ligament
3. Where is dense connective tissue found?

ANSWERS

1.	Tendon	Ligament
	Inelastic tissue that binds muscle to bone	Elastic tissue that joins bone to bone

2. A ligament is a connective tissue that consists of largely yellow elastic fibres that is elastic

3. Dense connective tissue is found between bones in joints and it joins muscle to bone in joints

CLASS ACTIVITY - CARTILAGE

1. Where in the human body is the pinna?
2. Out of what protein is cartilage mainly made of?
3. How do chondrocytes occur in the lacunae?
4. Name two functions of cartilage that helps with movement

ANSWERS

1. Next to the head it forms the ears
2. chondrin
3. On their own, in pairs or groups of four
4. Prevents friction in joints,
acts as shock absorber between vertebrae,
makes joints deeper to prevent dislocation without
hindering movement