

### Protection of Internal Organs

Adipose Tissue

Cushioning

Areolar Tissue

### Question

Will Be on your test!!!!!!!!!!!!!!

**Problem**

1. Connective tissue plays many different roles in the human body. It is crucial for providing structural support for the body. It provides protection for internal organs. It facilitates the movements of body parts. It functions in the transport of substances throughout the body. It serves a storage function for certain kinds of molecules. It also plays a vital role in enabling the body to defend itself against invading organisms or other foreign substances.

**In the space below**, write a short essay that first identifies the connective cell types discussed in your text. Next, distinguish these cell types from each other by their physical characteristics and by the type of matrix in which the cells are embedded. Finally, relate the physical characteristics and the type of intercellular matrix to the specific function(s) that each of these cell types performs.

## Identify the Connective Cell Types

### Functions of Connective Tissue:

protection of internal organs;  
movement of body parts;  
transport of substances; storage;  
and infection denfense

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### Movement of Body

### Transport of Substances

### Storage

Adipose    stores excess lipid  
Tissue    molecules for energy  
            production

### Infection Defense

Blood    Leukocytes...

### Cells

Adipose    Adipocytes  
Tissue

Blood    Leukocytes  
            (WBC)

Blood    Erythrocytes  
            (RBC)

Reticular Tissue

Elastic Tissue

