SBI3U – Circulatory System – Blood: A Fluid Tissue

Blood is a collection of cells that have been specialized to perform a set of particular tasks. Even though it is a liquid it is considered to be a connective tissue.

Function

* Circulates vital **materials** to all your cells (i.e. **O2, nutrients**)
* Removes **waste** products of cell metabolism (i.e. **CO2**)
* Equalize **temperature** in your body by delivering heat to the extremities
* **Defends** your body against disease (i.e. **antibodies**)



Components of Blood

1.

2.

3.

4.

Characteristics of Plasma

Characteristics of Erythrocytes (RBC’s)

Characteristics of Leukocytes (WBC’s)

Phagocytosis is the process of transport that:

Characteristics of Thrombocytes