

Blood

List the components of blood.

Blood

How do red and white blood cells differ in appearance?

Blood

Function of red blood cells?

Blood

Functions of white blood cells and plasma?

Blood

Roles of blood clotting?

Blood **Supplement**

How to identify a lymphocyte and a phagocyte?

Blood **Supplement**

Functions of lymphocytes and phagocytes?

Blood **Supplement**

Describe the process of clotting.

Red cells have no nucleus and are pale in the middle; white cells have a stained nucleus.

Red blood cells, white blood cells, platelets and plasma.

White cells: phagocytosis and antibody production. Plasma: transports cells, ions, nutrients, urea, hormones and carbon dioxide.

Transport oxygen; haemoglobin combines with the oxygen.

Lymphocyte: large round nucleus.
Phagocyte: lobed nucleus.

Prevents blood loss and the entry of pathogens.

Soluble fibrinogen is converted to insoluble fibrin, forming a mesh that traps red blood cells.

Lymphocytes produce antibodies; phagocytes engulf pathogens by phagocytosis.