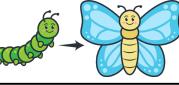


CONCEPT: BLOOD, LYMPHATIC & IMMUNE SYSTEMS: WORD BUILDING

Components of the Blood System

- ◆ Combining forms describing compositional aspects of the blood system.

Combining Form	Definition	Memory Tool
sanguin/o	_____	Sangria 
leuk/o	white	"Look" at the white light. 
reticul/o	_____	Ridiculous hat. 
sider/o	_____	

Combining Form	Definition	Memory Tool
eosin/o (EE-oh-sin-oh)	rosy red	Rosy ocean. 
morph/o	_____	meta/morph/osis 
phag/o	engulf, _____	Phag/o/cyte fangs. 

EXAMPLE

Fill in the blanks for the following.

- 1) A condition in which white blood cell count is above normal is called _____ cytosis.
- 2) Insufficient amount of iron in the body is known as _____.

PRACTICE

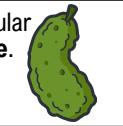
An immature red blood cell containing a netlike pattern inside is called

- a) Reticulocyte.
- b) Sanguineous.
- c) Cytoblast.
- d) Sanguinocyte.

CONCEPT: BLOOD, LYMPHATIC & IMMUNE SYSTEMS: WORD BUILDING

Processes and Pathology

- ◆ Combining forms describing processes and pathology.

Combining Form	Definition	Memory Tool
agglutinat/o	to _____ together	
fus/o	to _____	
tox/o	poison	
poikil/o (poy-kill-o)	_____	

EXAMPLE

An antigen on surface of red blood cells that stimulates the production of clumping agents is called

- a) Thrombosis.
- b) Leukoagglutination.
- c) Hemothrombus.
- d) Agglutinogen.

PRACTICE

Blood condition in which red blood cells are irregularly shaped.

- a) Leukocytosis.
- b) Anisocytosis.
- c) Poikilocytosis.
- d) Erythropenia.

CONCEPT: BLOOD, LYMPHATIC & IMMUNE SYSTEMS: WORD BUILDING

Suffixes and Prefixes

- ◆ Suffixes and prefixes used to build blood system terms.

Suffix/Prefix	Definition	Memory Tool
-globin	_____	
-crit	separation	Critical separation. 
-apheresis	_____, carry away	A ferry. 

Suffix/Prefix	Definition	Memory Tool
-philia	loving, _____ for	bibli/o/phile 
-phylaxis	_____	Fleece jacket. 
pan-	all	pan/oram/ic 
ana-	_____, toward	ana/tomy 

EXAMPLE

Which of the following describes a blood test where blood is spun in a machine to separate it into parts in order to calculate percentage of red blood cells contained in the blood?

- a) Platelet count.
- b) Red blood cell extraction.
- c) Hematocrit.
- d) Plasma separation.

PRACTICE

Match each definition with the correct term.

1) Immune system's exaggerated protective response.	
2) Pertaining to white blood cells that absorb red dye.	
3) Iron rich protein found in red blood cells.	
4) Therapeutic procedure which removes blood plasma.	

- a) pancytopenia. d) eosinophilic.
- b) anaphylaxis. e) hemoglobin.
- c) plasmapheresis.