NAME:	
DATE:	
KEY: Quiz 5: Digestion	on, Review of Heart and Blood Vessels
Anatomy and F	Physiology II Lab, Summer C 2014
1) Amylase is secreted from g SALIVARY, CARBOHYDRATES	glands, and it catalyzes the breakdown of
2) Pepsin digests in the	PROTEINS, STOMACH
-	brush border cells (microvilli)? ENZYMATIC DEGRADATION AND) LIPIDS; ADSORPTION OF NUTRIENTS; SECRETION OF
4) Which of the following enzymes are proc	luced in the pancreas?
a. trypsin b. pepsin c. lipase d. trypsin and lipase	
5) The smallest building blocks of carbohyd	rates (sugars) are MONOSACCHARIDES
6) The smallest building blocks of proteins a	are AMINO ACIDS
7) Starch is composed of repeating	molecules. GLUCOSE
8) What characteristic of starch allows iodir component forms a coil in which iodine ca	ne to become embedded in its structure? The amylase n become embedded.
9) Within what region of a carbohydrate more red? FREE REDUCING ENDS	olecule does the copper in Benedict's solution react to turn
10) What is the relationship of the heart so The sounds are caused by blood rushing th	
11) Pulmonary veins carry blood that is OX Y	YGENATED/DEOXYGENATED (CHOOSE ONE). OXYGENATED
12) Which ventricle has the thickest wall? $$ I	_EFT
13) List the agglutinins (antibodies) present	in the following blood types.
Type Aanti-B	Type AB none
Type B anti-A	Type O anti-A, anti-B

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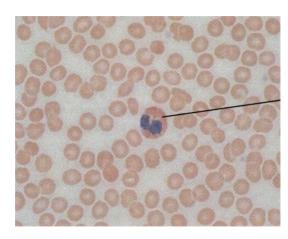
14) Where at the agglutinogens (antigens) located in the blood? On the membrane of red blood cells.

15) Of the formed elements listed below, which of them carries oxygen to tissues?

- a. erythrocytes
- b. leukocytes
- c. thrombocytes

16) Of the **formed elements** listed below, which of them participate in blood clotting?

- a. erythrocytes
- b. leukocytes
- c. thrombocytes

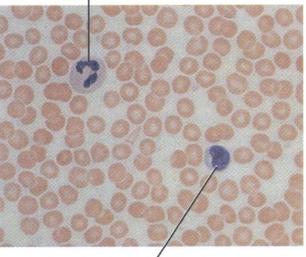


1. What subtype of cell is identified at left? **EOSINOPHIL**

A.NEUTROPHIL

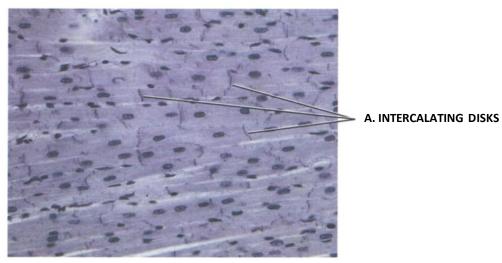
2A, 2B. Please label the two subtypes of cells indicated at right.

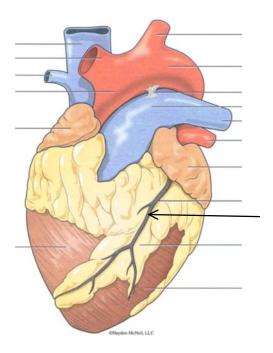
2C. In what way do the cells labeled "A", at right, interact with bacteria? **They phagocytose them.**



B. LYMPHOCYTE

3A. Please label the structures indicated in the histological image below.**3B.** In what organ can they be found? **HEART**





4. What is the name of the structure at the end of the arrow at left?

LEFT CORONARY ARTERY