

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

**KEY:** Quiz 6: Urinary System and Review of Pulse, BP and the Lymphatic System

Anatomy and Physiology II Lab, Summer C 2014

1) The process by which plasma is forced through Bowman's capsule is called \_\_\_\_\_.

**FILTRATION**

2) During the process of \_\_\_\_\_, certain substances are removed from the filtrate in parts of the kidney and returned to the interstitial space (and eventually, the blood). **REABSORPTION**

3) TRUE/FALSE: One step of **urinalysis** involves examination of urine sediment under a microscope.

**TRUE.**

4) The basic microscopic unit of the kidney is the

- a. ureter
- b. urethra
- c. urinary bladder
- d. nephron**

5) Which of the following substances are reabsorbed in the kidney?

- a. water
- b. electrolytes
- c. none of the above
- d. water and electrolytes**

6) TRUE/FALSE: Renal capillaries do not closely associate with kidney tubules. **FALSE**

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REVIEW: Pulse, BP and the Lymphatic System (EXERCISES 4 & 5)

7) During the "filling phase" of the cardiac cycle, SYSTOLIC/DIASTOLIC (choose one) pressure is measured. **DIASTOLIC**

8) Which of the following lists the lymphatic vessels in order from smallest to largest?

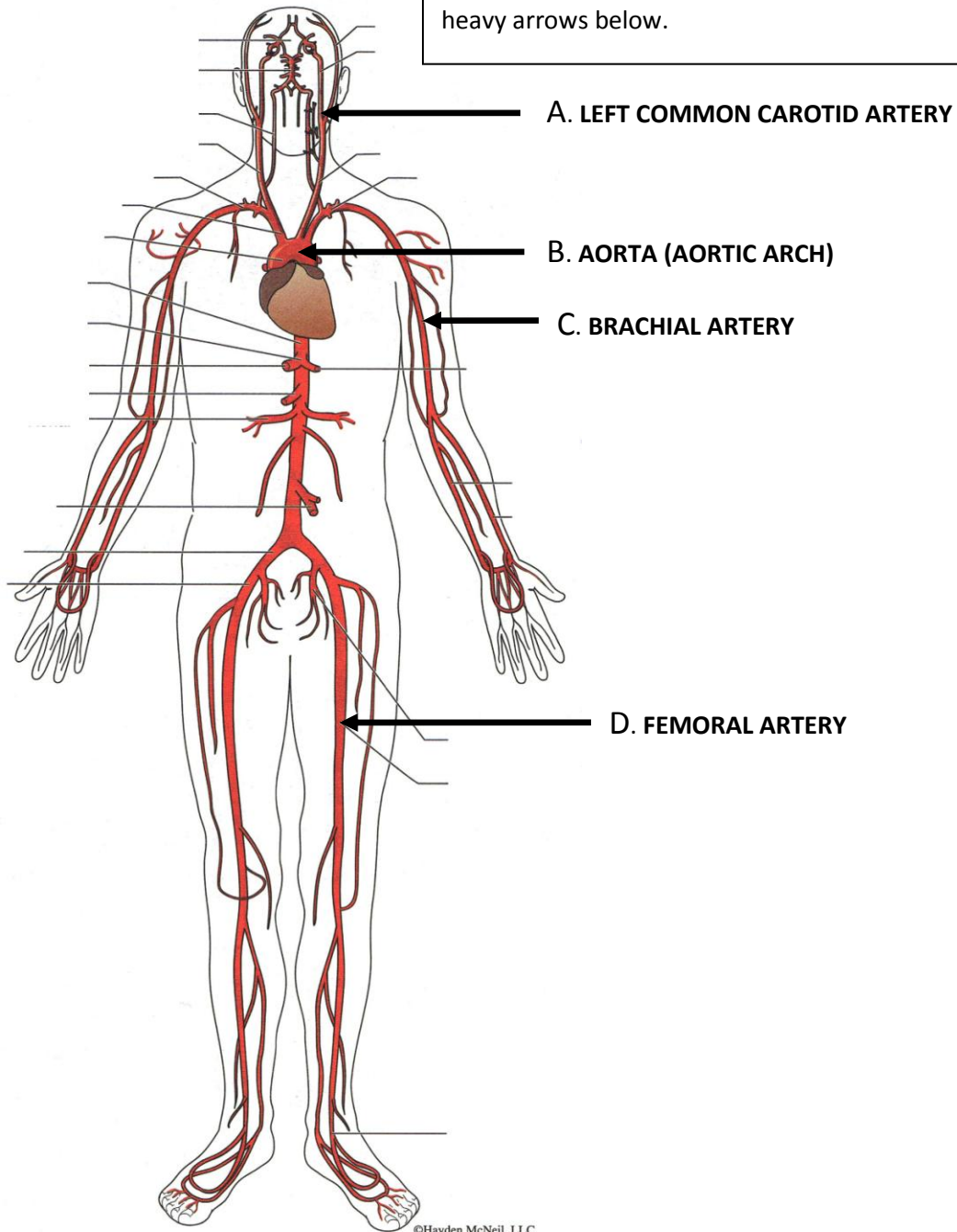
- a. ducts, capillaries, vessels, trunks
- b. capillaries, vessels, trunks, ducts**
- c. capillaries, trunks, vessels, ducts
- d. vessels, capillaries, trunks, ducts

9) The spleen is responsible for filtering LYMPH/BLOOD (choose one). **BLOOD**

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

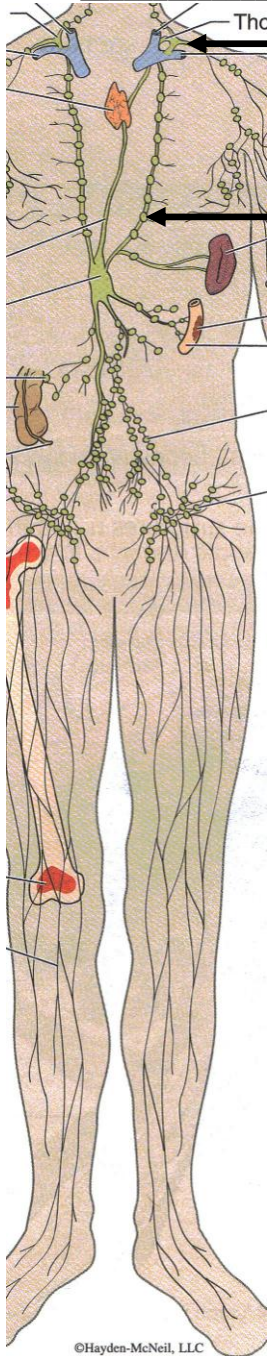
10) Please label the 4 structures indicated with heavy arrows below.



NAME: \_\_\_\_\_

11) Please label the structures indicated with heavy arrows below.

DATE: \_\_\_\_\_

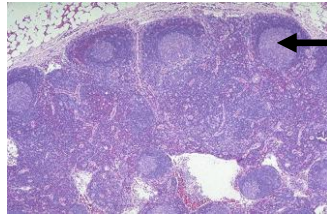


**A. THORACIC DUCT**

**B. LYMPH NODE**

12a. Please label the structure indicated with a heavy arrow below.

12b. Within what tissue is it located? **LYMPH NODE**

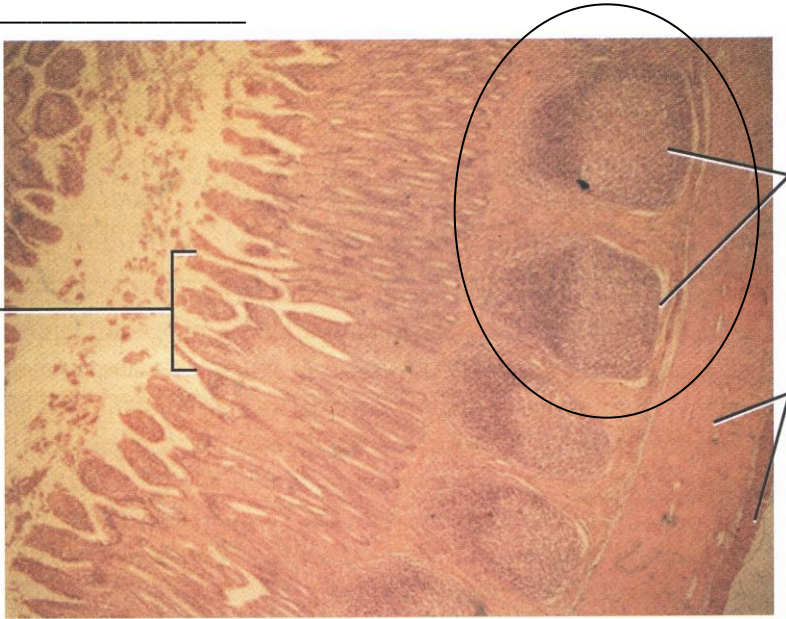


**FOLLICLE (NODULE), GERMINAL CENTER**

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

Intestinal  
mucosa



13) Be sure to observe the intestinal mucosa labeled in the image above. What are the structures encircled in black? **PEYER'S PATCHES**