

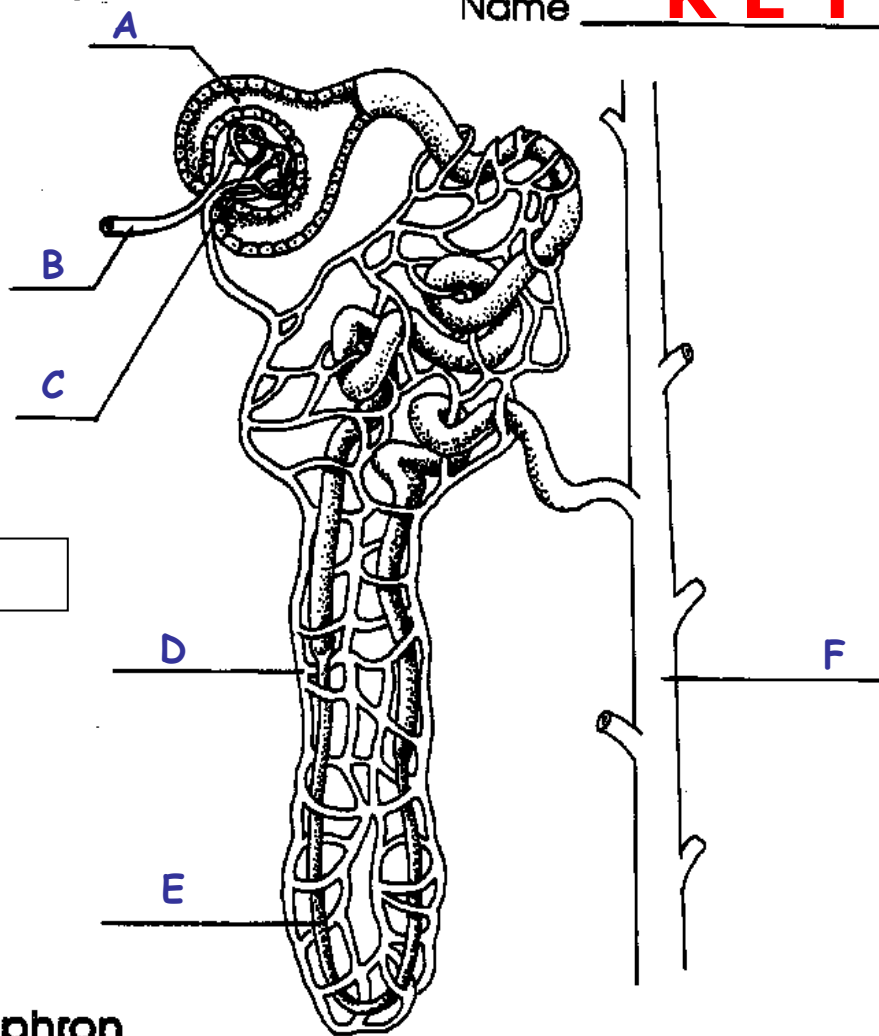
THE NEPHRON

Name **KEY**

Structure of Nephron

Label the parts of a nephron on the diagram to the right.

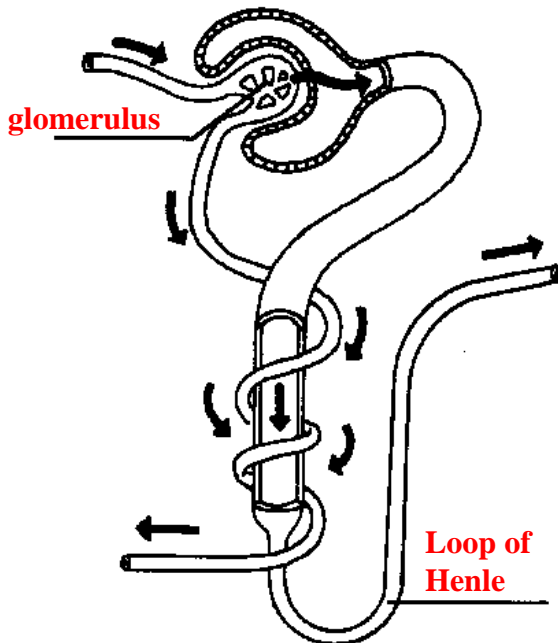
- a. Bowman's capsule
- b. renal arteriole
- c. glomerulus
- d. capillaries
- e. loop of Henle
- f. collecting tubule



or collecting DUCT.

Functioning of the Nephron

The diagram indicates that the nephrons remove wastes from the blood by the process of filtration and reabsorption. Filtration takes place in the glomerulus; reabsorption takes place in the loop of Henle.



Label these two parts. Indicate the areas where filtration and reabsorption take place. Tell whether each of the following substances that is filtered from the blood in the glomerulus is reabsorbed, excreted as part of the urine, or both.

- water *Both*
- amino acids *Reabsorbed*
- glucose *Reabsorbed*
- salt *Both*
- urea *excreted*