

Name _____

The Marvelous Kidneys: Blood Filtration and Urine Production

Multiple-Choice Questions

1. What are the tiny structures in the kidneys responsible for filtering blood?
 - a) Arteries
 - b) Capillaries
 - c) Glomeruli
 - d) Ureters

2. Where does the filtration of blood occur in the kidneys?
 - a) In the collecting ducts
 - b) In the ureters
 - c) In the glomeruli
 - d) In the bladder

3. What is the primary function of nephrons in the kidneys?
 - a) To transport blood to the bladder
 - b) To reabsorb waste products from urine
 - c) To selectively reabsorb essential substances and concentrate waste products
 - d) To produce glucose for the body

4. What is the main component of urine?
 - a) Blood
 - b) Water
 - c) Glucose
 - d) Oxygen

5. Why is urine considered a valuable tool for assessing a person's health?
 - a) Because it contains only waste products
 - b) Because it helps maintain body temperature
 - c) Because changes in urine can provide insights into medical conditions
 - d) Because it is produced by the liver

