

## Excretory System Quiz PDF

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**Which organ stores urine before it is excreted from the body?**

- Ureter
- Bladder
- Kidneys
- Urethra

**What is the primary function of the kidneys in the excretory system?**

- Produce hormones
- Filter blood
- Store urine
- Digest food

**Which part of the nephron is responsible for filtering blood?**

- Loop of Henle
- Glomerulus
- Distal tubule
- Collecting duct

**Which hormone increases water reabsorption in the kidneys?**

- Insulin
- Glucagon
- Antidiuretic hormone (ADH)
- Adrenaline

**Why is hydration important for the proper functioning of the excretory system?**

**Which of the following can be symptoms of a urinary tract infection (UTI)? (Select all that apply)**

- Frequent urination
- Burning sensation during urination
- Increased thirst
- Cloudy urine

**Which substances are typically reabsorbed in the kidneys? (Select all that apply)**

- Glucose
- Urea
- Water
- Sodium

**What is the role of aldosterone in the excretory system?**

- Decrease urine production
- Increase sodium reabsorption
- Increase glucose reabsorption
- Decrease blood pressure

**Which organ is primarily responsible for removing carbon dioxide from the body?**

- Liver
- Kidneys
- Lungs
- Skin

**What condition is characterized by the formation of solid crystals in the kidneys?**

- Urinary tract infection
- Chronic kidney disease
- Kidneys stones

Glomerulonephritis

**Which processes occur in the renal tubules of the nephron? (Select all that apply)**

- Filtration
- Reabsorption
- Secretion
- Excretion

**Which of the following are functions of the excretory system? (Select all that apply)**

- Filtration of blood
- Regulation of blood pressure
- Production of red blood cells
- Regulation of electrolyte balance

**Explain how the kidneys contribute to maintaining acid-base balance in the body.**

**Describe the process of glomerular filtration and its importance in the excretory system.**

**What lifestyle changes can help prevent the formation of kidney stones?**

**Discuss the role of hormones in regulating kidney function and fluid balance.**

**How does chronic kidney disease affect the body's ability to maintain homeostasis?**

**Which organs are involved in the excretion of waste products? (Select all that apply)**

- Kidneys
- Lungs
- Liver
- Heart

**What are the roles of the nephron in the kidney? (Select all that apply)**

- Filtration
- Reabsorption
- Secretion
- Digestion

**What is the primary waste product removed by the kidneys?**

- Carbon dioxide
- Urea
- Oxygen
- Glucose