

# Urinary System – Questions

Multiple Choice Questions:

1. Which organ is primarily responsible for filtering blood to form urine?  
A) Liver  
B) Kidneys  
C) Lungs  
D) Pancreas
2. Which part of the nephron is responsible for glomerular filtration?  
A) Renal tubule  
B) Collecting duct  
C) Renal corpuscle  
D) Ureter
3. What percentage of filtered water is typically reabsorbed by the renal tubules?  
A) 10%  
B) 25%  
C) 50%  
D) About 99%
4. Which hormone is produced by the kidneys to stimulate red blood cell production?  
A) Insulin  
B) Aldosterone  
C) Erythropoietin  
D) Calcitonin
5. Which structure transports urine from the kidneys to the urinary bladder?  
A) Urethra  
B) Collecting duct  
C) Ureter  
D) Renal cortex

True or False:

6. The urinary bladder stores urine before it is expelled from the body. (T/F)
7. Tubular secretion adds materials such as wastes and drugs into the filtrate. (T/F)
8. Glomerular endothelial cells are highly permeable due to large fenestrations. (T/F)

9. The kidneys help regulate blood glucose through gluconeogenesis. (T/F)
10. The filtration membrane allows all plasma proteins to pass freely. (T/F)

## **Answers**

Answers:

1. B) Kidneys
2. C) Renal corpuscle
3. D) About 99%
4. C) Erythropoietin
5. C) Ureter
6. True
7. True
8. True
9. True
10. False