

Chapter 6: Excretory System

Worksheet 1

1. Tick the correct answer.

- (i) Its presence in urine is an indication of diabetes.
(a) Urea (b) Glucose (c) Salts (d) Bile pigments
- (ii) The unit of kidney is
(a) nephron (b) ureter
(c) urethra (d) urinary bladder
- (iii) Urea is formed in
(a) kidneys (b) liver (c) lungs (d) spleen
- (iv) It collects and stores urine
(a) urethra (b) ureter
(c) urinary bladder (d) kidney
- (v) Gaseous excretory products are excreted by
(a) liver (b) lungs (c) skin (d) kidneys

2. Give one word for the following.

- (i) The bean-shaped excretory organs in human body
(ii) The excretory organ which excretes waste as sweat
(iii) The blood vessel which brings blood to kidney
(iv) The process of maintaining salt and water balance in the body
(v) Filtration of blood to remove waste with the help of a machine

3. Draw and label renal excretory system showing:

Kidneys, Ureters, Urinary bladder and Urethra only.

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Worksheet 2

1. Fill in the blanks.

- (i) _____ excrete carbon dioxide and _____ in exhaled air.
- (ii) Urea is produced in _____ and transported to _____ for excretion.
- (iii) _____ is the network of blood capillaries in Bowman's capsule.
- (iv) UTI is treated with _____ .
- (v) _____ is the presence of sugar in urine.

2. Match the following.

Column A

- (i) Kidney stones
- (ii) Urea
- (iii) Ultra filtration
- (iv) Kidneys
- (v) Urinary bladder

Column B

- (a) Abdominal cavity
- (b) Storage of urine
- (c) Calcium oxalate
- (d) Nitrogenous waste
- (e) Glomerulus

3. Write T for true and F for false statement.

- (i) Renal vein collects filtered blood from the kidney.
- (ii) Ammonia is produced by the breakdown of urea.
- (iii) Ureter passes urine from kidney to urinary bladder.
- (iv) Nephron is a duct which carries urine from kidney.
- (v) Excretion is the process of removal of metabolic waste.