

**Udaan 2025**  
**Biology**  
**Life Processes**

DHA: 9

**Q 1** Which of the following is selectively reabsorbed by blood capillaries during the process of excretion?

- (A) Glucose (B) Amino acid  
(C) Water (D) All of the above

**Q 2** Which of the following statements is true about excretion?

- (A) Nephrons are the filtration unit of kidneys  
(B) Selective absorption of water and glucose takes place in tubule  
(C) Urine is temporarily stored in urinary bladder  
(D) All of these

**Q 3** Which of the following excretory organs consists of nephrons?

- (A) Kidney (B) Ureter  
(C) Urethra (D) Urinary bladder

**Q 4** Plants release oxygen and Carbon dioxide as waste material by the process \_\_\_\_\_ with the help of \_\_\_\_\_.

- (A) Diffusion, phloem  
(B) Diffusion, xylem  
(C) Diffusion, stomata  
(D) None of the above

**Q 5** In which part of the nephrons the filtration of blood takes place?

(A) Bowman's capsule

- (B) Glomerulus  
(C) Tubule  
(D) Collecting duct

**Q 6** Waste products like latex and gums are stored in

- (A) Old xylem (B) Old phloem  
(C) New xylem (D) New phloem

**Q 7** Process in which blood is artificially filtered outside the body is called

- (A) Hemodialysis (B) Chemo therapy  
(C) Organ donation (D) Micturition

**Q 8** \_\_\_\_\_ carries urine from kidney to urinary bladder

- (A) Urethra (B) Ureter  
(C) Urinary tube (D) None of these

**Q 9** Cup shaped end of the nephron is called:

- (A) Bowman plate (B) Bowman capsule  
(C) Bowman loop (D) Glomerulus

**Q 10** Which of the following is a main type of nitrogenous waste produced in the human body?

- (A) Urea (B) Uric acid  
(C) Carbon dioxide (D) Both (A) and (B)

# Answer Key

Q1 D  
Q2 D  
Q3 A  
Q4 C  
Q5 B

Q6 A  
Q7 A  
Q8 B  
Q9 B  
Q10 A



# Hints & Solutions

## Q 1 Text Solution:

More than one option is correct

### Video Solution:



## Q 2 Text Solution:

More than one statement is correct

### Video Solution:



## Q 3 Text Solution:

This organ is kidney bean shaped

### Video Solution:



## Q 4 Text Solution:

Diffusion, stomata

### Video Solution:



## Q 5 Text Solution:

It is composed of tuft of capillaries

### Video Solution:



## Q 6 Text Solution:

Old xylem

### Video Solution:



## Q 7 Text Solution:

Hemodialysis

### Video Solution:



## Q 8 Text Solution:

Ureter carries urine from kidney to urinary bladder.

### Video Solution:



## Q 9 Text Solution:

Bowman's capsule is a part of the nephron that forms a cup-like sack surrounding the glomerulus.

### Video Solution:



## Q 10 Text Solution:

Human beings are **ureotelic** animals. They excrete mainly urea eliminated via the urine.

### Video Solution:



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