

**CLASS VII**  
**BIOLOGY**  
**TOPIC - EXCRETORY SYSTEM**

**ANSWERS**

**Qs1. Name the following :**

- Liver
- Ureter
- Cortex
- Urea
- Glucose
- Renal artery
- Urinary bladder
- Carbon dioxide
- Sphincter muscle
- Nephrons

**Qs 2. a.** 1. Cortex  
2. Medulla  
3. Renal pelvis  
4. Ureter  
**b.** Urine  
**c.** Urea  
**d.** Nephron  
**e.** Elimination of toxic nitrogenous substances.  
Regulation of water balance of the body.

**Qs 3. Define the following terms :**

- **Micturition-** Expulsion of urine from the urinary bladder to the outside.
- **Dialysis** - It is a process by which a patient's blood is filtered through a machine artificially.
- **Excretion** - The biological process involved in removal of the excessive toxic nitrogenous metabolic waste from the body.
- **Uraemia** - It is a disease where excessive urea retained in the blood due to failure of nephron.
- **Urea cycle** - The process of conversion of ammonia into urea in the kidney.

**Qs 4. Diagram- Pg No.67**

- **Ureter** - Carries urine from kidney to urinary bladder.
  - **Urinary bladder** - Acts as reservoir for urine temporarily.
  - **Urethra** - The female urethra serves as passage way for urine only whereas in males, it serves as a passageway of semen as well as urine.
- Sphincter muscle**- It can relax the urinary bladder to release urine from the body.