# Biology (New Book) - 10th Class Biology English Medium Chapter 11 Preparation

Q1. Differentiate between Glomerulus and Bowman's capsule.

**Ans 1:** Glomerulus: glomerulus is a network of capillaries present inside the Bowman's capsule.

**Ans 2:** Bowman's Capsule: Bowman's capsule is a cup shape structure.

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Q2. What are the major causes of kidney stones?

**Ans 1:** i. Diet containing more green vegetables, salts etc. ii. Recurring urinary tract infections. iii. Less intake of water. iv. Alcohol consumption.

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Q3. What is renal cortex?

**Ans 1:** Renal cortex is the outer part of kidney and has reddish colour

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Q4. Write symptoms of kidney stones.

**Ans 1:** Severe pain in kidney Vomiting Frequent urination Foul smelling urine Blood and pus in urine

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Q5. What is metabolic wastes.

**Ans 1:** the wastes produced during the metabolism of body. That may harm the body is called metabolic waste.

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Q6. What is collecting duct?

**Ans 1:** The distal convoluted tubules of many nephrons open in a single opening which collect the material, this opening is called collecting duct.

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Q7. Write function of ureter?

**Ans 1:** Ureter is the tube which carry urine from kidney to urinary bladder.

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Q8. What is the pH of blood.

**Ans 1:** pH of blood is 7.3 to 7.45

Q9. What are papillary ducts?

**Ans 1:** Many collecting ducts join together to form several hundred papillary duct.

Q10. What is peritoneum?

**Ans 1:** It is the membrane that lines the peritoneal cavity and contains blood vessels.