Name:

Date:

School:

Facilitator:

7.01 Urinary System Functions

# Basic Functions

# ****Complete the following questions.****

**1. The main organs of the urinary system are the** and

**2. The urinary system functions to      .**

**3. The kidneys regulate:**

**a.**

**b.**

**c.**

**d.**

**4. Urine is a sterile liquid containing      .**

**5. Urine is stored in the      .**

**6. The fundamental filtering units of the kidney are called the      .**

**7. There are       (the amount of) nephrons in each kidney.**

**8. Urine is passed from the kidneys to the bladder via the      .**

**9. Urine is released to the outside of the body through the      .**

**10. Where does the urea in the urine come from?**

**11. Summarize how the kidneys respond to a low blood pressure.**

**12. Define an electrolyte.**

**13. If the blood pH of the body were to be 7.33, how would the kidneys respond?**

**14. Describe how the bladder and urethra are involved in micturition.**

**15. If the kidneys were to function at only 10% capacity, what would you expect to see in the blood?**