

## THE EXCRETORY SYSTEM

### Urinary system, components of urine

STUDENT BOOK Ch. 6, pp. 190–193

1. Use the following words to complete the text below.

sweat waste	lungs sweat	urine kidneys	excrete urinary
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The \_\_\_\_\_ system's purpose is to \_\_\_\_\_, meaning to eject substances and \_\_\_\_\_ out of the organism. These substances include \_\_\_\_\_, carbon dioxide and \_\_\_\_\_. They are eliminated respectively by the \_\_\_\_\_ glands, the \_\_\_\_\_ and the \_\_\_\_\_.

2. Circle each of the following components of urine that may signal a health problem.

- a) Glucose      b) Urea      c) Protein      d) Blood cells  
e) Water      f) Fats      g) Minerals

3. What happens if blood in the organism contains too many minerals?

Circle the correct answer.

- a) The kidneys excrete more water, which causes increased urine production.  
b) The kidneys excrete less water, which causes the sensation of thirst.  
c) It is stabilized with proper nutrition.  
d) Minerals are eliminated with solid waste.

4. Place a check mark beside each statement that refers to the kidneys. Indicate the structure referred to by the other statements.

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|-------------------------------------------------------------------------------------------|--------------------------|-------|
| a) Blood balance is maintained by stabilizing the quantity of water in the blood.         | <input type="checkbox"/> | _____ |
| b) Blood balance is maintained by regulating the quantity of carbon dioxide in the blood. | <input type="checkbox"/> | _____ |
| c) Blood is filtered through the elimination of waste.                                    | <input type="checkbox"/> | _____ |
| d) Structure that helps urine reach the bladder.                                          | <input type="checkbox"/> | _____ |
| e) Organ shaped like a bean.                                                              | <input type="checkbox"/> | _____ |
| f) Urine is carried from the bladder and out of the organism.                             | <input type="checkbox"/> | _____ |
| g) Structure shaped like a pear.                                                          | <input type="checkbox"/> | _____ |