Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Introduction to Body Systems**

**\_\_\_\_\_ 1.** What does homeostasis do in the body?

**a.** keeps the body stable **b.** keeps the body unstable

**c.** makes the body shiver all of the time **d.** keeps the body cold

**\_\_\_\_\_ 2.** Which of the following need to maintain homeostasis?

**a.** viruses **b.** bacteria **c.** all living organisms **d.** all nonliving organisms

**\_\_\_\_\_ 3.** What can happen if homeostasis is disrupted?

**a.** Cells rest. **b.** Cells work together. **c.** Cells may be hurt or die. **d.** Cells remove waste.

Hypothermia Cells Homeostasis

**4.** Sweating is a reaction to help your body maintain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**5.** When body temperature falls below normal, it is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**6.** If \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cannot receive nutrients, they will die.

**\_\_\_\_\_ 7.** What is the basic unit of all living things called?

**a.** a disease **b.** a cell **c.** a nutrient **d.** a tissue

**\_\_\_\_\_ 8.** What is a group of cells that are alike and work together?

**a.** a cell team **b.** a tissue **c.** a cell family **d.** a system

**\_\_\_\_\_ 9.** holds organs together **a.** nervous tissue

**\_\_\_\_\_ 10.** covers and protects tissue **b.** muscle tissue

**\_\_\_\_\_ 11.** sends messages to parts of the body **c.** epithelial tissue

**\_\_\_\_\_ 12.** helps you move **d.** connective tissue

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muscle tissue organ epithelial tissue nervous tissue organ system

**13.** A group of tissues that work together is a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**14.** The stomach uses \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to break up food.

**15.** Your stomach’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ tells your body you are full after eating.

**16.** The inside of your stomach is covered with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**17.** Organs that work together are part of a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**\_\_\_\_\_ 18.** How do the circulatory and cardiovascular systems help maintain homeostasis?

**a.** They support the body. **b.** They deliver materials.

**c.** They store wastes. **d.** They include the heart, blood, and vessels.

**\_\_\_\_\_ 19.** includes the heart and blood vessels **a.** cardiovascular system

**\_\_\_\_\_ 20.** takes wastes out of blood **b.** endocrine system

**\_\_\_\_\_ 21.** sends chemical messages **c.** integumentary system

**\_\_\_\_\_ 22.** includes skin, hair, and nails **d.** urinary system

**\_\_\_\_\_ 23.** makes sperm **e.** skeletal system

**\_\_\_\_\_ 24.** holds up and protects parts of the body **f.** lymphatic system

**\_\_\_\_\_ 25.** gets rid of bacteria and viruses **g.** male reproductive system

**\_\_\_\_\_ 26.** takes oxygen from the air and releases carbon dioxide **h.** respiratory system

**\_\_\_\_\_ 27.** breaks down food into substances the body can use **a.** female reproductive system

**\_\_\_\_\_ 28.** helps the body move **b.** digestive system

**\_\_\_\_\_ 29.** protects the fetus **c.** nervous system

**\_\_\_\_\_ 30.** sends and receives electrical messages **d.** muscular system

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