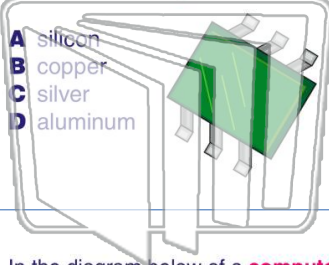Name_____ Class_____ Date_____

1 A microchip is usually made with a **semiconductor**. Which of the elements listed below is a **good semiconductor**?

A silicon
B copper
C silver
D aluminum

2 A **material** is called a **semiconductor** if it _____.

A does not conduct current
B conducts current only under particular conditions
C conducts current regardless of conditions
D conducts current to only one half of the circuit

3 In the diagram below of a **computer system**, which part is considered to be the **"brain"** of the unit?

4 The **digital instructions** for a computer system are referred to as _____.

5

7 _____ that they _____.

A interfere with bird migration
B disrupt the weather
C cause illness in pets
D cause poor cell phone reception
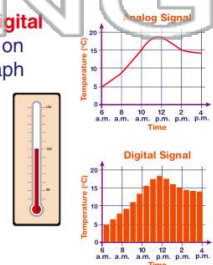
A hard drive
B CD-ROM
C flash drive
D RAM

9 Almost all **technological** products are considered to be a type of _____.

A artificial intelligence
B information
C system
D computer

10 These graphs compare **digital** signals to **analog** signals on thermometers. Which graph represents the change in temperature shown by a mercury **thermometer**?

A digital   C both
B analog   D neither
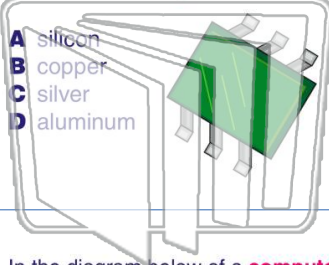
Analog Signal

Digital Signal

Name_____ Class_____ Date_____

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3 In the diagram below of a **computer system**, which part is considered to be the **"brain"** of the unit?

4 The **digital instructions** for a computer system are referred to as _____.

C

5

A

7 that they _____.

A interfere with bird migration
B disrupt the weather
C cause illness in pets
D cause poor cell phone reception

A

A hard drive
B CD-ROM
C flash drive
D RAM

D

9 Almost all **technological** products are considered to be a type of _____.

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C

10 These graphs compare **digital** signals to **analog** signals on thermometers. Which graph represents the change in temperature shown by a mercury **thermometer**?

A digital   C both
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B

PREVIEW
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