

**SAM Technology Now Chapter 1**

**True / False**

1. In 1834, English mathematics professor Charles Babbage designed a calculator called the Analytical Engine.

- a. True
- b. False

ANSWER: True  
POINTS: 1  
REFERENCES: 2  
QUESTION TYPE: True / False  
HAS VARIABLES: False  
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2. First-generation computers contained many components still in use today.

- a. True
- b. False

ANSWER: False  
POINTS: 1  
REFERENCES: 3  
QUESTION TYPE: True / False  
HAS VARIABLES: False  
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3. Notebooks that weigh less than 4 pounds are called Ultrabooks.

- a. True
- b. False

ANSWER: False  
POINTS: 1  
REFERENCES: 5  
QUESTION TYPE: True / False  
HAS VARIABLES: False  
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4. A pointing stick is a pressure-sensitive pointing device the size and shape of a pencil eraser.

- a. True
- b. False

ANSWER: True  
POINTS: 1  
REFERENCES: 6  
QUESTION TYPE: True / False

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*HAS VARIABLES:* False  
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5. The function keypad on a keyboard lets you move around a document and scroll up and down.

- a. True
- b. False

*ANSWER:* False  
*POINTS:* 1  
*REFERENCES:* 9  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
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6. Mobile device keyboards are designed for document creation.

- a. True
- b. False

*ANSWER:* False  
*POINTS:* 1  
*REFERENCES:* 10  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
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7. In many programs, right-clicking opens a shortcut menu that displays commands that are available to the current object, selection, or program area.

- a. True
- b. False

*ANSWER:* True  
*POINTS:* 1  
*REFERENCES:* 11  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
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8. Toner is a fine powder that is sealed when heated on the page.

- a. True
- b. False

*ANSWER:* True

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|                |                    |
|----------------|--------------------|
| POINTS:        | 1                  |
| REFERENCES:    | 13                 |
| QUESTION TYPE: | True / False       |
| HAS VARIABLES: | False              |
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9. Processor performance is determined in part by the number of cores, or processor units, on a CPU.

- a. True
- b. False

|                |                    |
|----------------|--------------------|
| ANSWER:        | True               |
| POINTS:        | 1                  |
| REFERENCES:    | 15                 |
| QUESTION TYPE: | True / False       |
| HAS VARIABLES: | False              |
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10. The RAM chip is attached to the motherboard, and contains the BIOS.

- a. True
- b. False

|                |                    |
|----------------|--------------------|
| ANSWER:        | False              |
| POINTS:        | 1                  |
| REFERENCES:    | 18                 |
| QUESTION TYPE: | True / False       |
| HAS VARIABLES: | False              |
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11. Laptops are called notebooks if they weigh less than 6 pounds.

- a. True
- b. False

|                |                    |
|----------------|--------------------|
| ANSWER:        | True               |
| POINTS:        | 1                  |
| REFERENCES:    | 4                  |
| QUESTION TYPE: | True / False       |
| HAS VARIABLES: | False              |
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12. A stylus is more powerful than a digital pen because it can include an electronic eraser or programmable buttons.

- a. True

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b. False

ANSWER: False  
 POINTS: 1  
 REFERENCES: 7  
 QUESTION TYPE: True / False  
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13. A gamepad is a handheld console with buttons and other input mechanisms you typically press with your thumbs to play a game.

a. True  
 b. False

ANSWER: True  
 POINTS: 1  
 REFERENCES: 8  
 QUESTION TYPE: True / False  
 HAS VARIABLES: False  
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14. Biometric technology analyzes a person's unique physical characteristics, to confirm identity and grant access to computer systems.

a. True  
 b. False

ANSWER: True  
 POINTS: 1  
 REFERENCES: 8  
 QUESTION TYPE: True / False  
 HAS VARIABLES: False  
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15. An optical mouse used LCDs to detect movement.

a. True  
 b. False

ANSWER: False  
 POINTS: 1  
 REFERENCES: 11  
 QUESTION TYPE: True / False  
 HAS VARIABLES: False

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16. If you are unsure about what you can do at any point in a program, right-clicking will often give you the common available options.

- a. True
- b. False

*ANSWER:* True  
*POINTS:* 1  
*REFERENCES:* 11  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
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17. A scanner creates hard copy output on paper, film, photo paper, and other media.

- a. True
- b. False

*ANSWER:* False  
*POINTS:* 1  
*REFERENCES:* 12  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
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18. Plotters, sometimes referred to as data or video plotters, let you display computer output on a wall.

- a. True
- b. False

*ANSWER:* False  
*POINTS:* 1  
*REFERENCES:* 13  
*QUESTION TYPE:* True / False  
*HAS VARIABLES:* False  
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19. Many videos include the option to turn on subtitles, or closed captions, so that users can watch the action on screen and read what is being said in the voice-over.

- a. True
- b. False

*ANSWER:* True  
*POINTS:* 1

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20. The motherboard is the main circuit board that houses much of a computer's electronics.

- a. True
- b. False

ANSWER: True  
 POINTS: 1  
 REFERENCES: 15  
 QUESTION TYPE: True / False  
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### **Multiple Choice**

21. The earliest calculators were manual counting devices, such as the \_\_\_\_.

- a. abacus
- b. slide rule
- c. control unit
- d. Analytical Engine

ANSWER: a  
 POINTS: 1  
 REFERENCES: 2  
 QUESTION TYPE: Multiple Choice  
 HAS VARIABLES: False  
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22. The \_\_\_\_, a ruler-like device with a sliding strip in its center, lets users perform complex calculations.

- a. abacus
- b. slide rule
- c. control unit
- d. Analytical Engine

ANSWER: b  
 POINTS: 1  
 REFERENCES: 2  
 QUESTION TYPE: Multiple Choice  
 HAS VARIABLES: False

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23. \_\_\_\_-generation computers used vacuum tubes, cylindrical tubes that controlled the flow of electrons.

- a. First
- b. Second
- c. Third
- d. Fourth

ANSWER: a

POINTS: 1

REFERENCES: 2

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

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24. \_\_\_\_-generation computers were made possible with the development of integrated circuits.

- a. Second
- b. Third
- c. Fourth
- d. Fifth

ANSWER: b

POINTS: 1

REFERENCES: 3

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

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25. In 1971, Ted Hoff moved computer technology to the fourth generation by developing the \_\_\_\_.

- a. transistor
- b. integrated circuit
- c. microprocessor
- d. hard drive

ANSWER: c

POINTS: 1

REFERENCES: 3

QUESTION TYPE: Multiple Choice

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26. The \_\_\_\_ contains most of the electronic circuitry in the computer.

- a. monitor
- b. EEPROM
- c. SRAM
- d. system unit

ANSWER: d  
 POINTS: 1  
 REFERENCES: 4  
 QUESTION TYPE: Multiple Choice  
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27. Notebooks that weigh less than 4 pounds are called \_\_\_\_.

- a. subnotebooks
- b. Ultrabooks
- c. tablets
- d. microbooks

ANSWER: a  
 POINTS: 1  
 REFERENCES: 5  
 QUESTION TYPE: Multiple Choice  
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28. A(n) \_\_\_\_ is a portable computer that weighs up to 2 pounds.

subnotebook

- a. Ultrabook
- b. laptop
- c. subnotebook
- d. mobile device

ANSWER: d  
 POINTS: 1  
 REFERENCES: 5  
 QUESTION TYPE: Multiple Choice  
 HAS VARIABLES: False  
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29. A \_\_\_\_ is a pointing device with a ball anchored inside a casing.

- a. stylus

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- b. trackball
- c. touchpad
- d. scroll wheel

ANSWER: b  
POINTS: 1  
REFERENCES: 6  
QUESTION TYPE: Multiple Choice  
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30. A \_\_\_\_ is a pressure-sensitive pointing device the size and shape of a pencil eraser.

- a. plotter
- b. stylus
- c. pointing stick
- d. slate

ANSWER: c  
POINTS: 1  
REFERENCES: 6  
QUESTION TYPE: Multiple Choice  
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31. A \_\_\_\_ is a visual display that responds to the touch of your finger to enter data and commands.

- a. touchpad
- b. platter
- c. touch screen
- d. touch screen

ANSWER: d  
POINTS: 1  
REFERENCES: 7  
QUESTION TYPE: Multiple Choice  
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32. An input device called a(n) \_\_\_\_ converts printed material into digital format.

- a. processor
- b. scanner
- c. optical mouse
- d. text-to-speech unit

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ANSWER: b  
 POINTS: 1  
 REFERENCES: 7  
 QUESTION TYPE: Multiple Choice  
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33. To translate your voice to text, you use \_\_\_\_\_ software register

- a. voice recognition
- b. scanner
- c. biometric
- d. register

ANSWER: a  
 POINTS: 1  
 REFERENCES: 8  
 QUESTION TYPE: Multiple Choice  
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34. A \_\_\_\_\_ is a vertical stick or lever that pivots in a 360-degree range of motion.

- a. plotter
- b. joystick
- c. stylus
- d. digital pen

ANSWER: b  
 POINTS: 1  
 REFERENCES: 8  
 QUESTION TYPE: Multiple Choice  
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35. A \_\_\_\_\_ input device is a data-collection machine that creates a digital imprint of a physical characteristic, and then transfers that information to a host system for review.

- a. touchpad
- b. cloud storage
- c. nonvolatile
- d. biometric

ANSWER: d  
 POINTS: 1

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REFERENCES: 8  
 QUESTION TYPE: Multiple Choice  
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36. The \_\_\_\_ keypad lets you move around a document and scroll up and down.

- a. navigation
- b. numeric
- c. numeric
- d. media control

ANSWER: a  
 POINTS: 1  
 REFERENCES: 9  
 QUESTION TYPE: Multiple Choice  
 HAS VARIABLES: False  
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37. \_\_\_\_ control keys let you play, pause, stop, rewind, and fast forward through digital music or video.

Function

- a. Internet
- b. Navigation
- c. Media
- d. Function

ANSWER: c  
 POINTS: 1  
 REFERENCES: 9  
 QUESTION TYPE: Multiple Choice  
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38. Using a pointing device to move an object on the screen is called \_\_\_\_.

- a. dragging
- b. pointing
- c. dropping
- d. scanning

ANSWER: a  
 POINTS: 1  
 REFERENCES: 11  
 QUESTION TYPE: Multiple Choice

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39. In many programs, \_\_\_\_ opens a shortcut menu that displays commands that are available to the current object.

- a. clicking
- b. right-clicking
- c. dragging
- d. double-clicking

|                       |                    |
|-----------------------|--------------------|
| <i>ANSWER:</i>        | b                  |
| <i>POINTS:</i>        | 1                  |
| <i>REFERENCES:</i>    | 11                 |
| <i>QUESTION TYPE:</i> | Multiple Choice    |
| <i>HAS VARIABLES:</i> | False              |
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40. Touch and release an object two times to complete the \_\_\_\_ gesture.

- a. pinch
- b. stretch
- c. double-tap
- d. press and hold

|                       |                    |
|-----------------------|--------------------|
| <i>ANSWER:</i>        | c                  |
| <i>POINTS:</i>        | 1                  |
| <i>REFERENCES:</i>    | 12                 |
| <i>QUESTION TYPE:</i> | Multiple Choice    |
| <i>HAS VARIABLES:</i> | False              |
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41. Move two fingers together to complete the \_\_\_\_ gesture.

- a. swipe
- b. drag
- c. stretch
- d. pinch

|                       |                    |
|-----------------------|--------------------|
| <i>ANSWER:</i>        | d                  |
| <i>POINTS:</i>        | 1                  |
| <i>REFERENCES:</i>    | 12                 |
| <i>QUESTION TYPE:</i> | Multiple Choice    |
| <i>HAS VARIABLES:</i> | False              |
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42. Touch and hold an object and then move it with a fingertip to complete the \_\_\_\_ gesture.

- a. drag
- b. swipe
- c. double-tap
- d. pinch

ANSWER: a  
 POINTS: 1  
 REFERENCES: 12  
 QUESTION TYPE: Multiple Choice  
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43. Most flat panel monitors use either LCD or \_\_\_\_ technology.

- a. LDC
- b. LTD
- c. LED
- d. LYD

ANSWER: c  
 POINTS: 1  
 REFERENCES: 12  
 QUESTION TYPE: Multiple Choice  
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44. LCD stands for \_\_\_\_.

- a. Level 2 Cache Display
- b. Light Crystal Display
- c. Liquid Circuit Display
- d. Liquid Crystal Display

ANSWER: d  
 POINTS: 1  
 REFERENCES: 12  
 QUESTION TYPE: Multiple Choice  
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45. \_\_\_\_ is a fine powder that is sealed when heated on the page.

- a. Optical media

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- b. Toner
- c. Plotter
- d. Slate

ANSWER: b  
POINTS: 1  
REFERENCES: 13  
QUESTION TYPE: Multiple Choice  
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46. Some large-format printers called \_\_\_\_ use charged wires to produce high-quality drawings for professional applications.

- a. laser printers
- b. scanners
- c. plotters
- d. plotters

ANSWER: d  
POINTS: 1  
REFERENCES: 13  
QUESTION TYPE: Multiple Choice  
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47. \_\_\_\_ cables transfer uncompressed video data and digital audio data among compliant devices.

- a. HDMI
- b. SSD
- c. EEPROM
- d. LCD

ANSWER: a  
POINTS: 1  
REFERENCES: 14  
QUESTION TYPE: Multiple Choice  
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48. A \_\_\_\_ is an audio output device that converts text to speech.

- a. sampler
- b. voice synthesizer
- c. headset

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- d. multifunction device

ANSWER: b  
 POINTS: 1  
 REFERENCES: 14  
 QUESTION TYPE: Multiple Choice  
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49. The \_\_\_\_\_ is the brain of a computer.

- a. ALU
- b. SSD
- c. CPU
- d. LED

ANSWER: c  
 POINTS: 1  
 REFERENCES: 15  
 QUESTION TYPE: Multiple Choice  
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50. The ALU temporarily holds data, such as two numbers to add, in \_\_\_\_\_.

- a. machine cycles
- b. cache
- c. cores
- d. registers

ANSWER: d  
 POINTS: 1  
 REFERENCES: 15  
 QUESTION TYPE: Multiple Choice  
 HAS VARIABLES: False  
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51. \_\_\_\_\_ is the second step in the computer machine cycle.

- a. Fetch
- b. Decode
- c. Execute
- d. Store

ANSWER: b  
 POINTS: 1

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REFERENCES: 15  
 QUESTION TYPE: Multiple Choice  
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52. \_\_\_\_ is the third step in the computer machine cycle.

- a. Fetch
- b. Decode
- c. Execute
- d. Store

ANSWER: c  
 POINTS: 1  
 REFERENCES: 15  
 QUESTION TYPE: Multiple Choice  
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53. \_\_\_\_ is the fourth step in the computer machine cycle.

- a. Fetch
- b. Decode
- c. Execute
- d. Store

ANSWER: d  
 POINTS: 1  
 REFERENCES: 15  
 QUESTION TYPE: Multiple Choice  
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54. \_\_\_\_ speed is measured in hertz.

- a. Clock
- b. Printer
- c. Word
- d. Swap file

ANSWER: a  
 POINTS: 1  
 REFERENCES: 15  
 QUESTION TYPE: Multiple Choice  
 HAS VARIABLES: False

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55. \_\_\_\_\_ is storage space for recently or frequently used data in a place that is quick and easy to access.

- a. EEPROM
- b. SSD
- c. SRAM
- d. Cache

ANSWER: d  
POINTS: 1  
REFERENCES: 15  
QUESTION TYPE: Multiple Choice  
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56. Bus width is also called \_\_\_\_\_.

- a. clock speed
- b. word size
- c. L3 cache
- d. a machine cycle

ANSWER: b  
POINTS: 1  
REFERENCES: 15  
QUESTION TYPE: Multiple Choice  
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57. A \_\_\_\_\_ is a test run by a laboratory or other organization to determine processor speed and other performance factors.

- a. power-on self test
- b. file swap
- c. benchmark
- d. machine cycle

ANSWER: c  
POINTS: 1  
REFERENCES: 16  
QUESTION TYPE: Multiple Choice  
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58. \_\_\_\_\_ is an 8-bit coding scheme.

- a. Binary
- b. DRAM
- c. Unicode
- d. ASCII

ANSWER: d  
POINTS: 1  
REFERENCES: 16  
QUESTION TYPE: Multiple Choice  
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59. To digitize an image, the image is treated as a series of colored dots, or \_\_\_\_\_.

- a. pixels
- b. pages
- c. samples
- d. bytes

ANSWER: a  
POINTS: 1  
REFERENCES: 17  
QUESTION TYPE: Multiple Choice  
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60. Random access memory (RAM) is stored on a set of chips called a memory \_\_\_\_\_.

- a. bus
- b. module
- c. control unit
- d. platter

ANSWER: b  
POINTS: 1  
REFERENCES: 18  
QUESTION TYPE: Multiple Choice  
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61. \_\_\_\_\_ chips need to be recharged constantly or they lose their data.

- a. BIOS
- b. ROM

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- c. DRAM
- d. SRAM

ANSWER: c  
 POINTS: 1  
 REFERENCES: 18  
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62. \_\_\_\_\_ is the memory permanently installed on your system when your computer is manufactured.

Cache

- a. RAM
- b. Cache
- c. Virtual memory
- d. ROM

ANSWER: d  
 POINTS: 1  
 REFERENCES: 18  
 QUESTION TYPE: Multiple Choice  
 HAS VARIABLES: False  
 DATE CREATED: 7/12/2016 12:21 PM  
 DATE MODIFIED: 7/12/2016 12:21 PM

63. The \_\_\_\_\_ includes the instructions for starting up your computer as it performs the power-on self test.

- a. BIOS
- b. RFID
- c. RFID
- d. L2 cache

ANSWER: a  
 POINTS: 1  
 REFERENCES: 18  
 QUESTION TYPE: Multiple Choice  
 HAS VARIABLES: False  
 DATE CREATED: 7/12/2016 12:21 PM  
 DATE MODIFIED: 7/12/2016 12:21 PM

64. When an operating system uses \_\_\_\_\_, it swaps files between RAM and the hard drive to avoid running out of RAM.

- a. EEPROM
- b. cloud storage
- c. virtual memory
- d. firmware

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_  
: \_\_\_\_\_ : \_\_\_\_\_ e: \_\_\_\_\_

**SAM Technology Now Chapter 1**

ANSWER: c  
POINTS: 1  
REFERENCES: 19  
QUESTION TYPE: Multiple Choice  
HAS VARIABLES: False  
DATE CREATED: 7/12/2016 12:21 PM  
DATE MODIFIED: 7/12/2016 12:21 PM

65. \_\_\_\_\_ is the first step in the computer machine cycle.

- a. Fetch
- b. Decode
- c. Execute
- d. Store

ANSWER: a  
POINTS: 1  
REFERENCES: 15  
QUESTION TYPE: Multiple Choice  
HAS VARIABLES: False  
DATE CREATED: 7/12/2016 12:21 PM  
DATE MODIFIED: 7/12/2016 12:21 PM