

C01.01.Digital Literacy

TRUE/FALSE

1. Digital literacy has become a requirement for most careers.

ANS: T PTS: 1 REF: Concepts > Digital Technology > Digital Literacy

2. A computer-literate individual is expected to understand a computer's uses and how it operates.

ANS: T PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Computer Literacy

3. An example of digital convergence is a smart phone, which combines many digital functions into one device.

ANS: T PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Digital Convergence

4. The main purpose of a computer is to process useful information into data.

ANS: F PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Computer

5. QWERTY code is the standard used to represent keyboard characters in digital form.

ANS: F PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Character Encoding

6. A group of eight bits is called a hexadecimal value.

ANS: F PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Bits and Bytes

7. The electronic instructions that tell a computer what to do are commonly referred to as hardware.

ANS: F PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Computer

8. It will be years before researchers can transform text from a book's page into a digital representation.

ANS: F PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Digitization

9. A bit has three states: on, off, and null.

ANS: F PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Value Encoding/Binary Number System

MULTIPLE CHOICE

1. The term _____ best describes the level of technology skills needed in today's business world.
- a. computer knowledge
 - b. computer fluency
 - c. computer digitization
 - d. computer information

ANS: B

PTS: 1

REF: Concepts > Digital Technology > Digital Literacy > Computer Literacy

2. Computer _____ capture(s) the essence of today's business expectations for knowledge workers within their organizations.
- a. literacy
 - b. fluency
 - c. engineers
 - d. analysts

ANS: B

PTS: 1

REF: Concepts > Digital Technology > Digital Literacy > Computer Literacy

3. A general-purpose computer relies on the _____ being used to perform an activity.
- a. output
 - b. storage
 - c. software
 - d. literacy

ANS: C

PTS: 1

REF: Concepts > Digital Technology > Digital Literacy > Computer

4. A computer relies on the combination of _____ and _____ to turn input into output.
- a. analog waves, digital waves
 - b. the Internet, web sites
 - c. electrical devices, electrical charges
 - d. hardware, software

ANS: D

PTS: 1

REF: Concepts > Digital Technology > Digital Literacy > Computer

5. A computer that manages data and produces information often uses a _____ to organize and deliver it.
- a. scanner
 - b. stylus
 - c. server
 - d. database

ANS: D

PTS: 1

REF: Concepts > Digital Technology > Digital Literacy > Computer

6. The prefix *Giga* represents approximately one _____ units of information.
- a. thousand
 - b. million
 - c. billion
 - d. trillion

ANS: C

PTS: 1

REF: Concepts > Digital Technology > Digital Literacy > Bits and Bytes

7. A _____ can represent a digit, a letter, or a color.
- a. byte
 - b. decimal
 - c. scheme
 - d. sample

ANS: A

PTS: 1

REF: Concepts > Digital Technology > Digital Literacy > Bits and Bytes

8. A computer uses _____ to display an image after it has been digitized.
- a. icons
 - b. digits
 - c. samples
 - d. pixels

ANS: D PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Digitization

9. Using analog-to-_____ conversion, we are able to digitize the things we see and hear.
- | | |
|---------------|------------|
| a. wave | c. digital |
| b. high-speed | d. color |

ANS: C PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Digitization

10. Personal music videos that combine user-generated photos with audio music are a good example of _____.
- | | |
|------------------------|----------------------|
| a. parallel processing | c. computer literacy |
| b. digital convergence | d. ASCII |

ANS: B PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Digital Convergence

11. Thanks to _____, voice and data traveling together through our telecommunications lines will be seamless.
- | | |
|---------|----------|
| a. VIP | c. VoIP |
| b. ViIP | d. ASCII |

ANS: C PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Digital Convergence

12. ASCII is the encoding standard used to represent _____ in digital form.
- | | |
|----------|------------------------|
| a. video | c. keyboard characters |
| b. audio | d. signals |

ANS: C PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Character Encoding

13. The Unicode encoding scheme is used to add support for _____ character sets.
- | | |
|-------------|------------------|
| a. EBCDIC | c. standard |
| b. national | d. international |

ANS: D PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Character Encoding

14. The _____ system is used to represent RGB color in digital graphics.
- | | |
|----------------|------------|
| a. binary | c. unary |
| b. hexadecimal | d. decimal |

ANS: B PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Value Encoding/Binary Number System

15. What two values represent the binary number system?
- | | |
|-------------|------------|
| a. 1 and 2 | c. 0 and 1 |
| b. 0 and -1 | d. A and B |

ANS: C PTS: 1
REF: Concepts > Digital Technology > Digital Literacy > Value Encoding/Binary Number System

16. A common measurement for hard drive storage today is _____.

- a. kilobytes
- b. gigabytes
- c. exabytes
- d. megabits

ANS: B PTS: 1

REF: Concepts > Digital Technology > Digital Literacy > Bits and Bytes

17. The _____ system, which uses only two digits, 1 and 0, is commonly used for representing values in computers.

- a. RGB
- b. decimal number
- c. hexadecimal number
- d. binary number

ANS: D PTS: 1

REF: Concepts > Digital Technology > Digital Literacy > Value Encoding/Binary Number System