

12 Matching questions

A+
100%

1. Read only memory, digital information that cannot be altered

g

CORRECT: ROM

a

Base 10

b

Monitor

c

RAM

d

2. Random access memory, often considered volatile memory requiring power to function

c

CORRECT: RAM

e

File Compression

f

Byte

g

ROM

h

Terabyte

i

CD-ROM

j

Compile

k

3. Bit

l

CORRECT: Smallest single unit of digital information

interpreted often by a 0 or 1, on or off, yes or no etc.

Central processing unit, the brain of a computer; cycles measure in hertz

l

Smallest single unit of digital information interpreted often by a 0 or 1, on or off, yes or no etc.

4. The act of translating regular English expressions used in modern programming languages into machine code

j

CORRECT: Compile

5. The digits in the decimal number system are 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9

a

CORRECT: Base 10

6. Base 2

d

CORRECT: The binary number system has only two digits, namely 0 and 1.

7. A display device allowing users to see a computer's interface (GUI)

b CORRECT: Monitor

8. 8 bits of digital information

f CORRECT: Byte

9. Processor/CPU

k CORRECT: Central processing unit, the brain of a computer; cycles measure in hertz

10. Approximately one trillion bytes

h CORRECT: Terabyte

11. Compact disk read only memory, typical specs include around 700MB of storage

i CORRECT: CD-ROM

12. quick and effective way to turn the contents of a file or folder into a tidy package intended to be sent or posted as a single .zip file

e CORRECT: File Compression

11 Multiple choice questions

1. A physical device used to render information on paper or other materials
 - a. CORRECT: Printer
 - b. IDE
 - c. Kernel
 - d. Computer

2. Gigabyte
 - a. Approximately one million bytes
 - b. Approximately one thousand bytes
 - c. Approximately one trillion bytes
 - d. CORRECT: Approximately one billion bytes

3. Hard Drive
 - a. A physical device used to render information on paper or other materials
 - b. CORRECT: Permanent storage device not requiring power to hold digital information
 - c. 8 bits of digital information
 - d. Operating systems including Windows, OSX, Android, Unix, Linux, and iOS

4. The octal number system
 - a. CORRECT: Base 8
 - b. Base 16
 - c. Base 10
 - d. Base 2

5. A system inside a computer that handles information displayed on a monitor or projector
 - a. File Compression
 - b. Terabyte
 - c. Megabyte
 - d. CORRECT: Video/Graphics

6. Mouse
 - a. Approximately one trillion bytes
 - b. Approximately one million bytes
 - c. **CORRECT: Input device that allows for point and click interaction from a user**
 - d. 8 bits of digital information

7. Binary
 - a. Approximately one billion bytes
 - b. Approximately one million bytes
 - c. **CORRECT: A base 2 system made up of 0's or 1's**
 - d. Approximately one trillion bytes

8. Approximately one thousand bytes
 - a. Terabyte
 - b. Byte
 - c. Gigabyte
 - d. **CORRECT: Kilobyte**

9. Megabyte
 - a. Approximately one trillion bytes
 - b. **CORRECT: Approximately one million bytes**
 - c. Approximately one thousand bytes
 - d. Approximately one billion bytes

10. IDE
 - a. The software that contains the core components of the operating system
 - b. **CORRECT: Integrated development environment or the program used to create applications that run on any number of systems**
 - c. Permanent storage device not requiring power to hold digital information
 - d. Input device that allows for point and click interaction from a user

11. Keyboard

- a. A display device allowing users to see a computer's interface (GUI)
- b. **CORRECT:** Input device comprised of numbers, letters and symbols used in a given language
- c. The binary number system has only two digits, namely 0 and 1.
- d. Input device that allows for point and click interaction from a user

11 True/False questions

1. Directory → A display device allowing users to see a computer's interface (GUI)

CORRECT: This is **false**.

It should be **Directory** → An organizational unit on a computer given a name and has the potential to contain folders and files.

2. DVD → Digital versatile disk, typical specs include around 4.7GB of storage

CORRECT: This is **true**.

3. OS → Read only memory, digital information that cannot be altered

CORRECT: This is **false**.

It should be **OS** → Operating systems including Windows, OSX, Android, Unix, Linux, and iOS.

4. Base 16 → The hexadecimal number system

CORRECT: This is **true**.

5. Network Adapter → Approximately one trillion bytes

CORRECT: This is **false**.

It should be **Network Adapter** → Any physical communication device allowing a computer to connect to a network or the internet.

6. Motherboard → The main circuit board in a computer where all major devices/systems are physically connected

CORRECT: This is **true**.

7. Hexadecimal → The software that contains the core components of the operating system

CORRECT: This is **false**.

It should be **Hexadecimal** → A number system that uses 16 digits with the lowest digit of 0 and highest of F..

8. SSD → Operating systems including Windows, OSX, Android, Unix, Linux, and iOS

CORRECT: This is **false**.

It should be **SSD** → Solid state drive built with flash drive technology thus implying "no moving parts".

9. The software that contains the core components of the operating system → Kernel

CORRECT: This is **true**.

10. Computer → A system made up of logic, storage, display, input/output, and communication systems usually packed into one physical "box"

CORRECT: This is **true**.

11. Usually describes the absolute directory structure to a resource on a computer from the root of a drive inside any number of folders → Video/Graphics

CORRECT: This is **false**.

It should be **Usually describes the absolute directory structure to a resource on a computer from the root of a drive inside any number of folders** → Path.