

# Digital Devices and Computer Basics

Computer Science · Practice Test · 13 Questions

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## 1. Who are the authors of this material?

- A) Dr. Mehmet Meral and MSc. Rei Kurti
- B) Cengage Learning
- C) Intel and AMD
- D) Apple and Microsoft

## 2. What are the main types of software computers run?

- A) Application, System, and Development tools
- B) Microsoft Office, Adobe Photoshop, and Google Chrome
- C) Games, Social Media, and Productivity
- D) Operating Systems, Utilities, and Drivers

## 3. What is the primary purpose of system software?

- A) To help the computer system monitor itself and function efficiently
- B) To allow users to create documents and browse the web
- C) To provide entertainment and social interaction
- D) To develop new software applications and websites

## 4. What is an integrated circuit commonly referred to as?

- A) Computer chip
- B) Circuit board
- C) Transistor
- D) Resistor

## 5. What are the three types of enterprise computers?

- A) Supercomputers, Mainframes, Servers
- B) Desktops, Laptops, Tablets
- C) Smartphones, Smartwatches, Smart TVs
- D) Routers, Modems, Switches

## 6. What is 'form factor' referring to in the computer industry?

- A) Size and dimensions of a device or component
- B) The shape of the computer case
- C) The type of operating system used
- D) The speed of the processor

**7. What are the four components of digital devices that typically require maintenance?**

- A) System unit, Keyboard, Screen, Battery
- B) Processor, Memory, Storage, Graphics card
- C) Mouse, Speakers, Microphone, Webcam
- D) Operating System, Applications, Drivers, Updates

**8. What does the acronym RAM stand for?**

- A) Random Access Memory
- B) Readily Available Memory
- C) Rapid Application Module
- D) Remote Access Module

**9. What is a USB flash drive?**

- A) A portable storage device that plugs directly into a computer's system unit
- B) A type of solid state drive installed inside a computer
- C) A wireless storage device that connects to a computer via Bluetooth
- D) A type of memory card used in digital cameras

**10. What are the three categories of optical storage technologies?**

- A) Read-only, Recordable, Rewritable
- B) CD, DVD, Blu-ray
- C) Magnetic, Solid State, Cloud
- D) Internal, External, Removable

**11. What is a device driver?**

- A) Software that helps a peripheral device communicate with its host device
- B) A person who drives autonomous vehicles
- C) A piece of hardware that connects to a computer
- D) A type of operating system

**12. What does GHz measure?**

- A) Billions of cycles per second
- B) Gigabytes of storage
- C) Graphics processing unit speed
- D) Screen resolution

**13. What is a key input for computer algorithms that steer an autonomous vehicle?**

- A) Lidar
- B) Radar
- C) GPS
- D) Infrared Sensors