

Middle School Computer Science Basics

Computer Science · Practice Test · 12 Questions

1. Which component is considered the 'brain' of the computer, responsible for executing instructions?

- A) RAM
- B) CPU
- C) Hard Drive
- D) Power Supply

2. Which of the following is an example of an input device?

- A) Monitor
- B) Printer
- C) Keyboard
- D) Speakers

3. What does the acronym 'RAM' stand for?

- A) Random Access Memory
- B) Read Always Memory
- C) Rapid Application Module
- D) Remote Access Machine

4. Which type of software is responsible for managing the computer's hardware and providing services for computer programs?

- A) Application Software
- B) Operating System
- C) Web Browser
- D) Antivirus

5. In computer networking, what does 'URL' stand for?

- A) Universal Resource Link
- B) Uniform Resource Locator
- C) Unified Routing Location
- D) Universal Registry Logic

6. Which of the following is an example of binary code?

- A) 10110
- B) ABCDE
- C) 98765
- D) !@#\$%

7. Which file extension typically represents a plain text file?

- A) .jpg
- B) .mp3
- C) .txt
- D) .exe

8. What is the main purpose of an ISP (Internet Service Provider)?

- A) To build computer hardware
- B) To provide internet connectivity to users
- C) To create new programming languages
- D) To design smartphone applications

9. Which device is used to connect multiple computers within a single local area network (LAN)?

- A) Router
- B) Switch
- C) Modem
- D) Hard Drive

10. What does 'GUI' stand for in computing?

- A) General User Interface
- B) Graphical User Interface
- C) Global Utility Integration
- D) Graphic Unit Index

11. Which of these is considered 'volatile' memory because it loses its data when the computer is turned off?

- A) Hard Disk Drive
- B) Flash Drive
- C) RAM
- D) Solid State Drive

12. Which of the following describes a sequence of instructions used to solve a problem or perform a task?

- A) Hardware
- B) Algorithm
- C) Database
- D) Compiler