

Computer Science Basics for Kids

Computer Science · Practice Test · 18 Questions

1. Which component is often called the 'brain' of the computer because it processes instructions?

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

2. In computer programming, what is the term for a mistake that prevents a program from running correctly?

- A) Glitch
- B) Bug
- C) Virus
- D) Crash

3. What does the acronym RAM stand for in computing?

- A) Random Access Memory
- B) Read Always Machine
- C) Rapid Application Module
- D) Run And Move

4. Which of the following is considered a low-level machine language that uses only zeros and ones?

- A) Python
- B) Binary
- C) HTML
- D) Scratch

5. What is the purpose of an operating system like Windows, macOS, or Linux?

- A) To browse the internet only
- B) To manage hardware and software resources
- C) To create computer viruses
- D) To store permanent files

6. Which of these is a sequence of instructions telling a computer exactly what to do?

- A) An Algorithm
- B) A Hardware
- C) A Screen
- D) A Mouse

7. Which file format is commonly used to store compressed image data?

- A) JPEG
- B) TXT
- C) EXE
- D) BAT

8. What is the physical equipment that makes up a computer system called?

- A) Software
- B) Data
- C) Hardware
- D) Network

9. In a computer network, what does the acronym 'URL' stand for?

- A) Universal Research Link
- B) Uniform Resource Locator
- C) User Registry List
- D) Unit Retrieval Logic

10. Which company is credited with developing the Windows operating system?

- A) Apple
- B) Google
- C) Microsoft
- D) IBM

11. What is the function of a web browser?

- A) To connect printers to computers
- B) To interpret and display HTML web pages
- C) To protect the computer from dust
- D) To program video games

12. Which of the following is a unit of digital information storage equal to 1,024 bytes?

- A) A Megabyte
- B) A Kilobyte
- C) A Gigabyte
- D) A Terabyte

13. What does the 'HTML' language primarily control on the internet?

- A) The structure of web pages
- B) The speed of the internet
- C) The physical size of servers
- D) The color of your monitor

14. Which key on a keyboard is typically used to move the cursor to the beginning of the next line?

- A) Enter
- B) Shift
- C) Alt
- D) Ctrl

15. What is a 'server' in the context of computer networking?

- A) A computer that provides data to other computers
- B) A type of high-speed gaming mouse
- C) A file that contains errors
- D) A physical desk for a computer

16. Which of these is an example of an input device?

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

17. What is the main function of an antivirus program?

- A) To speed up internet connection
- B) To detect and remove malicious software
- C) To store photos
- D) To play music

18. Which storage device uses flash memory and has no moving parts?

- A) Hard Disk Drive
- B) Solid State Drive
- C) Floppy Disk
- D) CD-ROM