

Advanced Basic Computer Skills for Young Learners

Basic Computer Skills · Practice Test · 22 Questions

1. Which part of a computer is often called its 'brain' because it performs most of the processing and calculations?

- A) Monitor
- B) Central Processing Unit (CPU)
- C) Keyboard
- D) Mouse

2. What is the primary function of Random Access Memory (RAM) in a computer?

- A) To store files permanently
- B) To temporarily hold data the computer is actively using
- C) To display images on the screen
- D) To connect to the internet

3. What is an 'algorithm' in the context of computers and programming?

- A) A type of computer virus
- B) A step-by-step set of instructions to solve a problem
- C) A special type of monitor cable
- D) A physical component of the computer

4. Which of the following is an example of an 'input device' for a computer?

- A) Printer
- B) Speakers
- C) Webcam
- D) Projector

5. What does the acronym 'URL' stand for when referring to web addresses?

- A) Universal Resource Locator
- B) United Remote Link
- C) User Registration Log
- D) Uniform Retrieval Language

6. In file management, what is the purpose of a 'folder' or 'directory'?

- A) To delete files permanently
- B) To organize and store other files and folders
- C) To run software applications
- D) To connect to a network

7. What is the term for a network of computers that spans a large geographical area, such as across countries or continents?

- A) LAN (Local Area Network)
- B) PAN (Personal Area Network)
- C) WAN (Wide Area Network)
- D) MAN (Metropolitan Area Network)

8. Which operating system component manages the computer's hardware and software resources?

- A) Application Software
- B) Operating System
- C) Peripheral Device
- D) Firmware

9. What is the name of the standard protocol used for transmitting web pages over the internet?

- A) FTP (File Transfer Protocol)
- B) SMTP (Simple Mail Transfer Protocol)
- C) HTTP (Hypertext Transfer Protocol)
- D) TCP/IP (Transmission Control Protocol/Internet Protocol)

10. In a computer, what is the function of a 'hard drive' or 'solid-state drive' (SSD)?

- A) To execute program instructions rapidly
- B) To store data and programs permanently
- C) To process user input from a keyboard
- D) To display graphical output

11. What is 'malware' in the context of computer security?

- A) A type of cloud storage service
- B) Software designed to harm or exploit computer systems
- C) A secure way to log into websites
- D) A tool for designing websites

12. Which of these is an example of 'output hardware'?

- A) Microphone
- B) Scanner
- C) Monitor
- D) Joystick

13. What is the name of the digital process of creating still or moving images on a computer?

- A) Analog Rendering
- B) Digital Synthesis
- C) Pixelation
- D) Digital Graphics

14. What is the primary purpose of an 'internet browser'?

- A) To install new software
- B) To connect printers to a computer
- C) To access and view websites on the World Wide Web
- D) To create digital art

15. In programming, what is a 'variable'?

- A) A fixed numerical value
- B) A symbol or name that represents a value which can change
- C) A type of computer error
- D) A command to shut down the computer

16. What does the acronym 'Wi-Fi' commonly refer to?

- A) Wired Fiber Interface
- B) Wireless Fidelity
- C) Web File Interface
- D) Wireless Frequency

17. What is the term for a small, portable storage device that connects to a computer's USB port?

- A) External Hard Drive
- B) Optical Disc
- C) USB Flash Drive
- D) SD Card

18. Which of the following is a common type of 'cloud storage' service?

- A) Microsoft Word
- B) Google Drive
- C) Adobe Photoshop
- D) Mozilla Firefox

19. What is the fundamental unit of digital information, represented as either a 0 or a 1?

- A) Byte
- B) Megabyte
- C) Kilobyte
- D) Bit

20. What is the purpose of a 'firewall' in computer security?

- A) To increase internet speed
- B) To protect a network from unauthorized access
- C) To automatically back up files
- D) To encrypt emails

21. Which of these is an example of 'application software'?

- A) Windows 11
- B) macOS
- C) Microsoft Excel
- D) Linux Kernel

22. What is the term for the visual representation of a computer program or file on a screen?

- A) Command Line
- B) Icon
- C) Script
- D) Algorithm