

Foundational Computer Knowledge Assessment

Basic Computer Skills · Answer Key · 20 Questions

1. What year was the first publicly available version of Microsoft Windows released?

- A) 1983
- B) 1985**
- C) 1990
- D) 1995

2. The internet protocol TCP/IP was first described in a paper published by Vint Cerf and Bob Kahn in which year?

- A) 1969
- B) 1974**
- C) 1983
- D) 1990

3. Who is credited with inventing the World Wide Web in 1989?

- A) Bill Gates
- B) Steve Jobs
- C) Tim Berners-Lee**
- D) Mark Zuckerberg

4. The first IBM Personal Computer (IBM PC) was released in what year?

- A) 1975
- B) 1977
- C) 1981**
- D) 1984

5. What is the standard unit for measuring data transfer speed over a network, often abbreviated as 'bps'?

- A) Bytes per second
- B) Bits per second**
- C) Blocks per second
- D) Baud per second

6. How many bits are there in a single byte?

- A) 4
- B) 6
- C) 8**
- D) 16

7. Which company developed the first commercially successful graphical user interface (GUI) operating system, the Macintosh, released in 1984?

- A) Microsoft
- B) IBM
- C) Apple**
- D) Xerox

8. What year was Google, the search engine, officially founded?

- A) 1996
- B) 1998**
- C) 2000
- D) 2004

9. The Universal Serial Bus (USB) standard was first released in what year?

- A) 1990
- B) 1994
- C) 1996**
- D) 1998

10. Which of the following is the most common version of the TCP/IP protocol suite used today?

- A) IPv4**
- B) IPv6
- C) TCP/UDP
- D) HTTP/FTP

11. The first widely adopted email program was developed by Ray Tomlinson in which year?

- A) 1965
- B) 1971**
- C) 1977
- D) 1982

12. What is the standard file extension for documents created with Microsoft Word?

- A) .txt
- B) .docx**
- C) .xlsx
- D) .pptx

13. Which company introduced the first commercially available mouse in 1970?

- A) Apple
- B) Microsoft
- C) Xerox**
- D) IBM

14. The first version of the Linux kernel, developed by Linus Torvalds, was released in what year?

- A) 1989
- B) 1991**
- C) 1993
- D) 1995

15. What is the typical storage capacity range of a standard Blu-ray disc?

- A) 4.7 GB to 8.5 GB
- B) 25 GB to 100 GB**
- C) 500 GB to 1 TB
- D) 1 MB to 10 MB

16. Which programming language, developed by James Gosling and released by Sun Microsystems in 1995, is widely used for web applications?

- A) Python
- B) C++
- C) Java**
- D) JavaScript

17. The company that developed the first practical portable computer, the Osborne 1, was founded in what year?

- A) 1975
- B) 1979**
- C) 1981
- D) 1983

18. What is the minimum number of bits required to represent 16 unique values?

- A) 3
- B) 4**
- C) 5
- D) 8

19. Which of these refers to the physical components of a computer system?

- A) Software
- B) Firmware
- C) Hardware**
- D) Middleware

20. The original domain name system (.com, .org, .net) was established in what year?

- A) 1970
- B) 1983**
- C) 1985
- D) 1990