**Compiled by: Bl4z3**

1. What is a computer?

- A. A mechanical device for storing information

- B. A device for performing arithmetic calculations manually

- C. An electronic device operating under the control of instructions stored in its memory

- D. A tool for drawing and design purposes

Answer: C

2. Which of the following characteristics of computers refers to their ability to perform millions of calculations in a few seconds?

- A. Accuracy

- B. Versatility

- C. High Speed

- D. Automation

Answer: C

3. What ensures that a computer's calculations are 99% error-free?

- A. High Speed

- B. Accuracy

- C. Storage Capability

- D. Versatility

Answer: B

4. Which characteristic of computers refers to their ability to store large amounts of data, including images, videos, and audio?

- A. Versatility

- B. Automation

- C. Storage Capability

- D. Accuracy

Answer: C

5. What term describes a computer's ability to perform tasks without human interaction once a program is loaded?

- A. Versatility

- B. Automation

- C. High Speed

- D. Storage Capability

Answer: B

6. What ancient tool was used for arithmetic calculations and consisted of beads moved along rods?

- A. Pascaline

- B. Abacus

- C. Difference Engine

- D. ENIAC

Answer: B

7. Which invention is associated with Blaise Pascal?

- A. Abacus

- B. ENIAC

- C. Pascaline

- D. IBM PC

Answer: C

8. Which technology was primarily used in the first generation of computers?

- A. Transistors

- B. Vacuum tubes

- C. Integrated circuits

- D. Microprocessors

Answer: B

9. What technology replaced vacuum tubes in the second generation of computers?

- A. Integrated circuits

- B. Microprocessors

- C. Transistors

- D. Quantum computing

Answer: C

10. Which generation of computers is characterized by the use of microprocessors?

- A. First Generation

- B. Second Generation

- C. Third Generation

- D. Fourth Generation

Answer: D

11. Who developed the first programmable computer, known as the Zuse Z3?

- A. Charles Babbage

- B. Konrad Zuse

- C. Blaise Pascal

- D. Alan Turing

Answer: B

12. Which milestone is associated with the year 1981 in the history of computers?

- A. Development of the first programmable computer

- B. Introduction of the personal computer (IBM PC)

- C. Invention of the Internet

- D. Creation of the World Wide Web

Answer: B

13. Which type of software includes operating systems and device drivers?

- A. Application Software

- B. System Software

- C. Freeware

- D. Shareware

Answer: B

14. Which of the following is an example of application software?

- A. Microsoft Windows

- B. Device drivers

- C. Microsoft Office

- D. Linux

Answer: C

15. Which type of software is typically free to use but may have restrictions on usage or distribution?

- A. Proprietary Software

- B. Open-source Software

- C. Freeware

- D. Shareware

Answer: C

16. What type of software is distributed for free on a trial basis with the option to purchase a licence for full functionality?

- A. Freeware

- B. Shareware

- C. Open-source Software

- D. Software as a Service (SaaS)

Answer: B

17. Which software model is typically accessed over the internet on a subscription basis?

- A. Proprietary Software

- B. Open-source Software

- C. Freeware

- D. Software as a Service (SaaS)

Answer: D

18. Which type of computer is designed for individual use and offers more power and expandability?

- A. Laptops

- B. Desktops

- C. Workstations

- D. Servers

Answer: B

18. What type of computer system is designed for technical or scientific applications requiring more processing power than standard PCs?

- A. Personal Computers

- B. Workstations

- C. Mainframes

- D. Embedded Systems

Answer: B

19. Which type of computer provides data, resources, and services to other computers over a network?

- A. Mainframes

- B. Desktops

- C. Servers

- D. Supercomputers

Answer: C

20. What type of computer system is used for bulk data processing and large-scale computing tasks by organizations?

- A. Personal Computers

- B. Servers

- C. Mainframes

- D. Workstations

Answer: C

21. Which type of computer is used for complex scientific calculations and consists of thousands of processors working in parallel?

- A. Desktops

- B. Supercomputers

- C. Servers

- D. Embedded Systems

Answer: B

22. Which type of computer system is embedded in other devices to control specific functions?

- A. Desktops

- B. Workstations

- C. Mainframes

- D. Embedded Systems

Answer: D

23. In which sector do computers provide tools for electronic health records, medical imaging, and telemedicine?

- A. Education

- B. Healthcare

- C. Business

- D. Entertainment

Answer: B

24. Which sector benefits from computers through online learning platforms and virtual classrooms?

- A. Business

- B. Healthcare

- C. Education

- D. Entertainment

Answer: C

25. Which field uses computers for digital content creation, streaming services, and interactive gaming experiences?

- A. Healthcare

- B. Business

- C. Education

- D. Entertainment

Answer: D

26. Computers as tools for innovation and problem-solving are essential in which of the following activities?

- A. Scientific research and engineering design

- B. Social media and online gaming

- C. Basic arithmetic calculations

- D. Manual bookkeeping

Answer: A

27. Which of the following activities is facilitated by computers for innovation and problem-solving?

- A. Basic arithmetic calculations

- B. Manual bookkeeping

- C. Simulation and modelling

- D. Handwriting documents

Answer: C

28. Which stage of computer operations involves capturing data and instructions from the user?

- A. Processing

- B. Output

- C. Input

- D. Storage

Answer: C

29. Which input device detects two-dimensional motion relative to a surface?

- A. Keyboard

- B. Scanner

- C. Mouse

- D. Microphone

Answer: C

30. What type of device converts physical documents and images into digital form?

- A. Webcam

- B. Scanner

- C. Printer

- D. Monitor

Answer: B

31. Which part of the CPU performs arithmetic and logical operations?

- A. Control Unit

- B. Arithmetic Logic Unit (ALU)

- C. Registers

- D. Cache Memory

Answer: B

32. During which step of the process cycle does the CPU interpret what the instruction means?

- A. Fetch

- B. Decode

- C. Execute

- D. Store

Answer: B

33. Which output device is used to produce physical copies of documents?

- A. Monitor

- B. Printer

- C. Projector

- D. Speaker

Answer: B

34. Which device projects visual output onto a larger screen or surface?

- A. Monitor

- B. Printer

- C. Projector

- D. Speaker

Answer: C

35. Which type of memory loses its contents when the computer is powered off?

- A. SSD

- B. HDD

- C. RAM

- D. Optical Drive

Answer: C

36. Which storage device uses spinning magnetic disks to read and write data?

- A. SSD

- B. HDD

- C. RAM

- D. Cloud Storage

Answer: B

37. Which storage method allows scalable storage solutions and easy access to data from any location with an internet connection?

- A. SSD

- B. HDD

- C. Optical Drives

- D. Cloud Storage

Answer: D

38. Which type of memory retains data even when the power is off?

- A. Volatile Memory

- B. RAM

- C. Non-Volatile Memory

- D. Cache Memory

Answer: C

39. What are computer programs also known as?

- A. Hardware

- B. Software

- C. Firmware

- D. Utilities

Answer: B

40. What is the primary purpose of computer programs?

- A. To manufacture computer hardware

- B. To provide electricity to the computer

- C. To perform specific tasks through a set of instructions

- D. To maintain computer peripherals

Answer: C

41. Which of the following is an example of enhancing productivity with computer programs?

- A. Video games

- B. Email clients

- C. Spreadsheets

- D. Device drivers

Answer: C

42. What is the primary function of system software?

- A. To entertain users

- B. To manage and control computer hardware

- C. To provide internet connectivity

- D. To create presentations

Answer: B

43. Which type of system software manages all other programs on a computer?

- A. Utility Programs

- B. Device Drivers

- C. Firmware

- D. Operating System

Answer: D

44. What function of an operating system involves allocating CPU time, memory, and storage space?

- A. User Interface

- B. Device Management

- C. Resource Management

- D. Security and Access Control

Answer: C

45. Which operating system is known for its sleek design and integration with Apple hardware?

- A. Windows

- B. Linux

- C. macOS

- D. Android

Answer: C

46. Which of the following is an example of a utility program?

- A. Microsoft Word

- B. Disk Cleanup Tools

- C. Adobe Photoshop

- D. Google Chrome

Answer: B

47. What is the function of firmware in a computer system?

- A. Provides high-level control for software applications

- B. Provides low-level control for hardware devices

- C. Manages internet connections

- D. Enhances graphics performance

Answer: B

48. What is the role of device drivers in a computer system?

- A. To provide entertainment

- B. To enable communication between the OS and hardware devices

- C. To store large amounts of data

- D. To create user interfaces

Answer: B

49. Which of the following is NOT a function of system software?

- A. Facilitates hardware-software interaction

- B. Manages system resources

- C. Provides user interfaces

- D. Manufactures computer hardware

Answer: D

50. Which type of system software is essential for ensuring the security and stability of the computer system?

- A. Firmware

- B. Application Software

- C. System Software

- D. Internet Browsers

Answer: C

51. What is the primary purpose of application software?

- A. To manage the basic operations of a computer

- B. To help users perform specific tasks or activities on a computer

- C. To control hardware devices

- D. To provide a platform for running other software

Answer: B. To help users perform specific tasks or activities on a computer

52. Which of the following is NOT an example of productivity software?

- A. Microsoft Word

- B. Google Chrome

- C. Microsoft Excel

- D. Microsoft PowerPoint

Answer: B. Google Chrome

53. Which type of application software would you use to browse the web?

- A. Productivity Software

- B. Internet and Web Software

- C. Multimedia Software

- D. Educational Software

Answer: B. Internet and Web Software

54. Which of the following software is used for creating and editing multimedia content?

- A. VLC Media Player

- B. Microsoft Word

- C. Audacity

- D. Adobe Photoshop

Answer: C. Audacity and D. Adobe Photoshop (Both options are correct)

55. Educational software includes:

- A. E-learning platforms

- B. Spreadsheets

- C. Web browsers

- D. Antivirus programs

Answer: A. E-learning platforms

56. Which application software is designed for fun and leisure activities?

- A. Productivity Software

- B. Internet and Web Software

- C. Educational Software

- D. Entertainment Software

Answer: D. Entertainment Software

57. Which of the following is a key function of database management software?

- A. Creating slideshows

- B. Organizing and managing large amounts of data

- C. Editing audio files

- D. Browsing the web

Answer: B. Organizing and managing large amounts of data

58. What is a primary benefit of application software in terms of user productivity?

- A. Managing system resources

- B. Providing a graphical user interface

- C. Helping users complete tasks more efficiently and accurately

- D. Controlling hardware devices

Answer: C. Helping users complete tasks more efficiently and accurately

59. Which application software is commonly used for video conferencing?

- A. Google Chrome

- B. Microsoft PowerPoint

- C. Zoom

- D. VLC Media Player

Answer: C. Zoom

60. Which type of software is used to facilitate online courses and interactive learning?

- A. Productivity Software

- B. Internet and Web Software

- C. Educational Software

- D. Entertainment Software

Answer: C. Educational Software

61. What type of software helps organize and analyze data in tabular form?

- A. Word Processing Software

- B. Spreadsheet Software

- C. Presentation Software

- D. Database Management Software

Answer: B. Spreadsheet Software

62. Which of the following is NOT a function of multimedia software?

- A. Creating audio content

- B. Managing video content

- C. Browsing the internet

- D. Editing images

Answer: C. Browsing the internet

63. Which application software would you use for creating and managing slideshows?

- A. Spreadsheet Software

- B. Word Processing Software

- C. Presentation Software

- D. Database Management Software

Answer: C. Presentation Software

64. What is an example of Internet and Web Software?

- A. Microsoft Excel

- B. Adobe Photoshop

- C. Mozilla Firefox

- D. VLC Media Player

Answer: C. Mozilla Firefox

65. Which of the following software types is primarily used for organizing and managing large amounts of data?

- A. Database Management Software

- B. Multimedia Software

- C. Word Processing Software

- D. Entertainment Software

Answer: A. Database Management Software

66. What is the primary function of the Control Unit (CU) in a CPU?

- A. Perform arithmetic operations

- B. Direct the operation of the processor

- C. Store temporary data

- D. Increase clock speed

Answer: B. Direct the operation of the processor

67. Which component of the CPU performs arithmetic and logical operations?

- A. Control Unit (CU)

- B. Arithmetic Logic Unit (ALU)

- C. Registers

- D. Cache

Answer: B. Arithmetic Logic Unit (ALU)

68. What does the clock speed of a CPU indicate?

- A. The number of cores

- B. The architecture type

- C. How many cycles per second the CPU can execute

- D. The amount of cache memory

Answer: C How many cycles per second the CPU can execute

69. Which of the following is NOT a key component on the motherboard?

- A. Chipset

- B. BIOS/UEFI

- C. RAM

- D. PCIe Slots

Answer: C. RAM

70. What is the function of the BIOS/UEFI?

- A. To provide a graphical user interface

- B. To connect external devices

- C. To initialize and test hardware during the booting process

- D. To increase system clock speed

Answer: C. To initialize and test hardware during the booting process

71. Which type of memory is used for temporary data storage during computer operation?

- A. ROM

- B. HDD

- C. SSD

- D. RAM

Answer: D. RAM

72. What does ROM store?

- A. Temporary data

- B. System instructions that are not lost when the computer is powered off

- C. User files and documents

- D. Application software

Answer: B. System instructions that are not lost when the computer is powered off

73. Which storage device uses spinning disks to read/write data?

- A. SSD

- B. HDD

- C. NVMe

- D. M.2

Answer: B. HDD

74. What is the advantage of SSDs over HDDs?

- A. Larger storage capacity

- B. Lower cost

- C. Faster read/write speeds

- D. Longer lifespan

Answer: C. Faster read/write speeds

75. Which interface offers the highest data transfer speeds for SSDs?

- A. SATA

- B. USB

- C. NVMe

- D. Ethernet

Answer: C. NVMe

76. What does the Power Supply Unit (PSU) do?

- A. Converts electrical power from an outlet into usable power for the computer's components.

- B. Enhances the computer's ability to render graphics.

- C. Stores essential firmware and system instructions.

- D. Provides wired or wireless network connectivity.

Answer: A. Converts electrical power from an outlet into usable power for the computer's components.

77. Which of the following is NOT a key specification of a PSU?

- A. Wattage

- B. Efficiency Ratings

- C. Cores and Threads

- D. None of the above

Answer: C. Cores and Threads

78. Which device is used for typing text and commands into the computer?

- A. Mouse

- B. Keyboard

- C. Scanner

- D. Webcam

Answer: B. Keyboard

79. What type of device is a monitor?

- A. Input Device

- B. Output Device

- C. Combination Device

- D. Storage Device

Answer: B. Output Device

80. Which of the following is a combination device?

- A. Keyboard

- B. Touchscreen

- C. Printer

- D. Speaker

Answer: B. Touchscreen

81. Which expansion card enhances the computer's ability to render graphics?

- A. Sound Card

- B. USB Expansion Card

- C. Network Interface Card (NIC)

- D. Graphics Card (GPU)

Answer: D. Graphics Card (GPU)

82. What is the function of a sound card?

- A. Provides wired or wireless network connectivity

- B. Improves audio output quality and adds advanced audio processing capabilities

- C. Adds additional USB ports to the computer

- D. Enhances the computer's ability to render graphics

Answer: B. Improves audio output quality and adds advanced audio processing capabilities

83. Which type of expansion card provides wired or wireless network connectivity?

- A. Graphics Card (GPU)

- B. Sound Card

- C. Network Interface Card (NIC)

- D. USB Expansion Card

Answer: C. Network Interface Card (NIC)

84. Which device digitizes physical documents?

- A. Mouse

- B. Scanner

- C. Keyboard

- D. Monitor

Answer: B. Scanner

85. What is an example of an efficiency rating for PSUs?

- A. DDR5

- B. GHz

- C. 80 Plus Gold

- D. PCIe

Answer: C. 80 Plus Gold