

Questions And Answers For Discovering Computers

QUESTIONS

NOTE: Answers to the following questions can be found in: Discovering Computers 2012 Edition, Chapter 1, Answers to the following questions: 1-100

1. What is a computer? (page 1, 1-1)

2. What is a computer system? (page 1, 1-2)

3. What is a computer network? (page 1, 1-3)

4. What is a computer virus? (page 1, 1-4)

5. What is a computer worm? (page 1, 1-5)

6. What is a computer Trojan horse? (page 1, 1-6)

7. What is a computer spyware? (page 1, 1-7)

8. What is a computer malware? (page 1, 1-8)

9. What is a computer security? (page 1, 1-9)

10. What is a computer firewall? (page 1, 1-10)

11. What is a computer router? (page 1, 1-11)

12. What is a computer switch? (page 1, 1-12)

13. What is a computer hub? (page 1, 1-13)

14. What is a computer bridge? (page 1, 1-14)

15. What is a computer gateway? (page 1, 1-15)

16. What is a computer proxy server? (page 1, 1-16)

17. What is a computer DNS server? (page 1, 1-17)

18. What is a computer DHCP server? (page 1, 1-18)

19. What is a computer WINS server? (page 1, 1-19)

20. What is a computer NetBIOS name? (page 1, 1-20)

21. What is a computer IP address? (page 1, 1-21)

22. What is a computer subnet mask? (page 1, 1-22)

23. What is a computer default gateway? (page 1, 1-23)

24. What is a computer DNS record? (page 1, 1-24)

25. What is a computer DNS zone? (page 1, 1-25)

26. What is a computer DNS hierarchy? (page 1, 1-26)

27. What is a computer DNS root? (page 1, 1-27)

28. What is a computer DNS top-level domain? (page 1, 1-28)

29. What is a computer DNS second-level domain? (page 1, 1-29)

30. What is a computer DNS third-level domain? (page 1, 1-30)

31. What is a computer DNS fourth-level domain? (page 1, 1-31)

32. What is a computer DNS fifth-level domain? (page 1, 1-32)

33. What is a computer DNS sixth-level domain? (page 1, 1-33)

34. What is a computer DNS seventh-level domain? (page 1, 1-34)

35. What is a computer DNS eighth-level domain? (page 1, 1-35)

36. What is a computer DNS ninth-level domain? (page 1, 1-36)

37. What is a computer DNS tenth-level domain? (page 1, 1-37)

38. What is a computer DNS eleventh-level domain? (page 1, 1-38)

39. What is a computer DNS twelfth-level domain? (page 1, 1-39)

40. What is a computer DNS thirteenth-level domain? (page 1, 1-40)

41. What is a computer DNS fourteenth-level domain? (page 1, 1-41)

42. What is a computer DNS fifteenth-level domain? (page 1, 1-42)

43. What is a computer DNS sixteenth-level domain? (page 1, 1-43)

44. What is a computer DNS seventeenth-level domain? (page 1, 1-44)

45. What is a computer DNS eighteenth-level domain? (page 1, 1-45)

46. What is a computer DNS nineteenth-level domain? (page 1, 1-46)

47. What is a computer DNS twentieth-level domain? (page 1, 1-47)

48. What is a computer DNS twenty-first-level domain? (page 1, 1-48)

49. What is a computer DNS twenty-second-level domain? (page 1, 1-49)

50. What is a computer DNS twenty-third-level domain? (page 1, 1-50)

51. What is a computer DNS twenty-fourth-level domain? (page 1, 1-51)

52. What is a computer DNS twenty-fifth-level domain? (page 1, 1-52)

53. What is a computer DNS twenty-sixth-level domain? (page 1, 1-53)

54. What is a computer DNS twenty-seventh-level domain? (page 1, 1-54)

55. What is a computer DNS twenty-eighth-level domain? (page 1, 1-55)

56. What is a computer DNS twenty-ninth-level domain? (page 1, 1-56)

57. What is a computer DNS thirtieth-level domain? (page 1, 1-57)

58. What is a computer DNS thirty-first-level domain? (page 1, 1-58)

59. What is a computer DNS thirty-second-level domain? (page 1, 1-59)

60. What is a computer DNS thirty-third-level domain? (page 1, 1-60)

61. What is a computer DNS thirty-fourth-level domain? (page 1, 1-61)

62. What is a computer DNS thirty-fifth-level domain? (page 1, 1-62)

63. What is a computer DNS thirty-sixth-level domain? (page 1, 1-63)

64. What is a computer DNS thirty-seventh-level domain? (page 1, 1-64)

65. What is a computer DNS thirty-eighth-level domain? (page 1, 1-65)

66. What is a computer DNS thirty-ninth-level domain? (page 1, 1-66)

67. What is a computer DNS fortieth-level domain? (page 1, 1-67)

68. What is a computer DNS forty-first-level domain? (page 1, 1-68)

69. What is a computer DNS forty-second-level domain? (page 1, 1-69)

70. What is a computer DNS forty-third-level domain? (page 1, 1-70)

71. What is a computer DNS forty-fourth-level domain? (page 1, 1-71)

72. What is a computer DNS forty-fifth-level domain? (page 1, 1-72)

73. What is a computer DNS forty-sixth-level domain? (page 1, 1-73)

74. What is a computer DNS forty-seventh-level domain? (page 1, 1-74)

75. What is a computer DNS forty-eighth-level domain? (page 1, 1-75)

76. What is a computer DNS forty-ninth-level domain? (page 1, 1-76)

77. What is a computer DNS fiftieth-level domain? (page 1, 1-77)

78. What is a computer DNS fifty-first-level domain? (page 1, 1-78)

79. What is a computer DNS fifty-second-level domain? (page 1, 1-79)

80. What is a computer DNS fifty-third-level domain? (page 1, 1-80)

81. What is a computer DNS fifty-fourth-level domain? (page 1, 1-81)

82. What is a computer DNS fifty-fifth-level domain? (page 1, 1-82)

83. What is a computer DNS fifty-sixth-level domain? (page 1, 1-83)

84. What is a computer DNS fifty-seventh-level domain? (page 1, 1-84)

85. What is a computer DNS fifty-eighth-level domain? (page 1, 1-85)

86. What is a computer DNS fifty-ninth-level domain? (page 1, 1-86)

87. What is a computer DNS sixtieth-level domain? (page 1, 1-87)

88. What is a computer DNS sixty-first-level domain? (page 1, 1-88)

89. What is a computer DNS sixty-second-level domain? (page 1, 1-89)

90. What is a computer DNS sixty-third-level domain? (page 1, 1-90)

91. What is a computer DNS sixty-fourth-level domain? (page 1, 1-91)

92. What is a computer DNS sixty-fifth-level domain? (page 1, 1-92)

93. What is a computer DNS sixty-sixth-level domain? (page 1, 1-93)

94. What is a computer DNS sixty-seventh-level domain? (page 1, 1-94)

95. What is a computer DNS sixty-eighth-level domain? (page 1, 1-95)

96. What is a computer DNS sixty-ninth-level domain? (page 1, 1-96)

97. What is a computer DNS seventieth-level domain? (page 1, 1-97)

98. What is a computer DNS seventy-first-level domain? (page 1, 1-98)

99. What is a computer DNS seventy-second-level domain? (page 1, 1-99)

100. What is a computer DNS seventy-third-level domain? (page 1, 1-100)

Questions and answers for discovering computers can be an essential resource for anyone looking to deepen their understanding of computer technology. Whether you are a beginner trying to navigate the digital landscape or an experienced user seeking to refresh your knowledge, having a structured approach to learning can make all the difference. This article will explore various aspects of computers through a series of questions and answers, covering topics such as hardware, software, networking, and more.

Understanding Computer Hardware

What is computer hardware?

Computer hardware refers to the physical components of a computer system. This includes all the tangible parts that can be touched or seen.

What are the main components of a computer?

The main components of a computer include:

1. Central Processing Unit (CPU): Often referred to as the brain of the computer, the CPU performs calculations and processes instructions.
2. Random Access Memory (RAM): This is the temporary memory that stores data for currently running applications.
3. Storage Devices: These include Hard Disk Drives (HDD), Solid State Drives (SSD), and external storage devices like USB drives.
4. Motherboard: The main circuit board that connects all components of the computer.

5. Power Supply Unit (PSU): This component converts electrical power from an outlet into usable power for the computer.
6. Input Devices: Devices like keyboards and mice that allow users to interact with the computer.
7. Output Devices: Monitors and printers that display or produce information from the computer.

How do I know if my computer hardware is compatible?

To determine hardware compatibility, consider the following steps:

1. Check the Motherboard Specifications: Ensure that your motherboard supports the CPU, RAM, and other components you wish to install.
2. Look for Compatibility Lists: Manufacturers often provide compatibility lists for their products.
3. Use Online Tools: Websites like PCPartPicker can help you build compatible systems by checking your selections against known compatibility issues.
4. Consult User Manuals: Always refer to the user manuals of your components for compatibility information.

Exploring Computer Software

What is computer software?

Computer software refers to a collection of data or instructions that tell the computer how to operate. Unlike hardware, software cannot be physically touched.

What are the different types of software?

The two primary types of software are:

1. System Software: This includes the operating system (OS) and utility programs that manage computer hardware and provide a platform for running application software. Examples include Windows, macOS, and Linux.
2. Application Software: These are programs designed to perform specific tasks for users. Examples include word processors, web browsers, and games.

How can I install software on my computer?

To install software, follow these general steps:

1. Download the software: Obtain the installer from a trusted source.
2. Run the installer: Double-click the downloaded file to start the

installation process.

3. Follow the prompts: Follow the on-screen instructions to complete the installation. You may need to accept license agreements or choose installation options.

4. Restart if needed: Some software may require you to restart your computer after installation.

Networking Basics

What is computer networking?

Computer networking involves connecting computers and other devices to share resources and information.

What are the common types of networks?

There are several types of networks, including:

1. Local Area Network (LAN): A network that covers a small geographic area, like a home or office.
2. Wide Area Network (WAN): A network that covers a larger area, such as a city or country, often using leased telecommunication lines.
3. Wireless Local Area Network (WLAN): A LAN that uses wireless technology to connect devices.
4. Virtual Private Network (VPN): A secure network that uses encryption to protect data transmitted over the internet.

How do I set up a home network?

To set up a home network, follow these steps:

1. Choose a Router: Select a suitable router that meets your internet speed and coverage requirements.
2. Connect to the Internet: Plug the router into your modem using an Ethernet cable.
3. Configure the Router: Access the router's settings through a web browser using the router's IP address. Set up your Wi-Fi name (SSID) and password.
4. Connect Devices: Use Wi-Fi or Ethernet cables to connect your devices to the network.

Understanding Operating Systems

What is an operating system?

An operating system (OS) is system software that manages computer hardware and software resources while providing common services for application software.

What are the most popular operating systems?

Some of the most popular operating systems include:

1. Windows: Developed by Microsoft, commonly used in personal and business environments.
2. macOS: Developed by Apple, known for its user-friendly interface and integration with Apple hardware.
3. Linux: An open-source operating system that comes in various distributions (distros) and is popular among developers and server environments.
4. Chrome OS: A lightweight OS designed for Chromebooks, primarily focused on web applications.

How do I choose the right operating system for my needs?

To choose the right OS, consider the following factors:

1. Purpose: Determine whether you need the OS for personal use, gaming, professional work, or development.
2. Compatibility: Ensure the OS supports the applications and hardware you intend to use.
3. User Experience: Look for an OS that matches your comfort level and familiarity.
4. Support and Updates: Consider the frequency of updates and the availability of technical support.

Security and Maintenance

Why is computer security important?

Computer security is crucial to protect sensitive information from unauthorized access, theft, or damage. Cyberattacks can result in data loss, identity theft, and financial loss.

What are common security threats?

Some common security threats include:

1. **Viruses and Malware:** Malicious software designed to harm or exploit computers.
2. **Phishing:** Fraudulent attempts to obtain sensitive information by disguising as a trustworthy entity.
3. **Ransomware:** Malware that encrypts files and demands payment for the decryption key.
4. **Spyware:** Software that secretly monitors user activity and collects personal information.

How can I protect my computer from security threats?

To safeguard your computer, implement the following strategies:

1. **Install Antivirus Software:** Use reputable antivirus software and keep it updated.
2. **Enable Firewalls:** Utilize built-in firewalls in your OS to block unauthorized access.
3. **Keep Software Updated:** Regularly update your operating system and applications to patch security vulnerabilities.
4. **Use Strong Passwords:** Create complex passwords and change them regularly.
5. **Be Cautious with Downloads and Links:** Only download software from trusted sources and be wary of suspicious emails or messages.

Conclusion

In conclusion, questions and answers for discovering computers serve as a valuable tool for individuals looking to enhance their knowledge and skills in technology. By understanding the fundamentals of hardware, software, networking, operating systems, and security, users can navigate the digital world more confidently and effectively. Whether you are a novice or a seasoned user, continuous learning and curiosity are key to mastering the ever-evolving landscape of computer technology.

Frequently Asked Questions

What are the basic components of a computer?

The basic components of a computer include the central processing unit (CPU), memory (RAM), storage (hard drive or SSD), motherboard, power supply, and input/output devices.

How does an operating system function?

An operating system manages computer hardware and software resources, providing services for computer programs, and acting as an intermediary between users and the computer.

What is the difference between RAM and ROM?

RAM (Random Access Memory) is volatile memory used for temporary data storage while a computer is running. ROM (Read-Only Memory) is non-volatile and stores firmware that is not lost when the computer is powered off.

What is cloud computing?

Cloud computing is the delivery of computing services over the internet, allowing users to access and store data and applications on remote servers instead of local machines.

What are the primary functions of a spreadsheet application?

A spreadsheet application allows users to organize, analyze, and store data in tabular form, perform calculations, create graphs, and automate tasks with formulas and functions.

What is a computer network?

A computer network is a group of interconnected computers that can share resources and communicate with each other, enabling data sharing and collaboration.

What are the common types of malware?

Common types of malware include viruses, worms, trojans, ransomware, spyware, and adware, each with different methods of infecting computers and causing harm.

What is the purpose of a firewall?

A firewall is a security system that monitors and controls incoming and outgoing network traffic based on predetermined security rules, protecting the computer from unauthorized access.

How can I ensure my computer is secure?

To ensure your computer is secure, use updated antivirus software, enable a firewall, keep your operating system and applications updated, use strong passwords, and be cautious with email attachments and downloads.

Find other PDF article:

<https://soc.up.edu.ph/11-plot/files?docid=jvX92-4361&title=calorie-counter-and-diet-tracker-by-myfitnesspal.pdf>

Questions And Answers For Discovering Computers

Conversation Questions for the ESL/EFL Classroom (I-TESL-J)

Conversation Questions for the ESL/EFL Classroom A Project of The Internet TESL Journal If this is your first time here, then read the Teacher's Guide to Using These Pages If you can think of a good question for any list, please send it to us.

ESL Conversation Questions - Getting to Know Each Other (I ...

Conversation Questions Getting to Know Each Other A Part of Conversation Questions for the ESL Classroom. Do you have any pets? What was the last book you read? Do you like to cook? What's your favorite food? Are you good at cooking/swimming/etc? Are you married or single? Do you have brothers and sisters? Are they older or younger than you?

ESL Conversation Questions - What if...? (I-TESL-J)

Conversation Questions What if...? A Part of Conversation Questions for the ESL Classroom. If you had only 24 hours to live, what would you do? If a classmate asked you for the answer to a question during an exam while the teacher was not looking, what would you do? If someone's underwear was showing, would you tell them?

ESL Conversation Questions - Conflict (I-TESL-J)

Conversation Questions Conflict A Part of Conversation Questions for the ESL Classroom. What is conflict? When you see the word "conflict", what do you think of? What causes conflict? Is conflict inevitable? Is conflict always negative? How can conflicts be resolved? What would you consider to be a constructive approach to conflict?

ESL Conversation Questions - Love, Dating & Marriage (I-TESL-J)

Conversation Questions Love, Dating & Marriage A Part of Conversation Questions for the ESL Classroom. Related: Marriage, Weddings These questions are also divided into pages: Dating and Marriage Related: Single Life About how many guests attended your wedding? How many guests would you invite to your wedding? At what age do most people in your country get ...

ESL Conversation Questions - Traffic Accidents (I-TESL-J)

Traffic Accidents A Part of Conversation Questions for the ESL Classroom. Have you ever seen a traffic accident? Have you been involved in a traffic accident? Do you know someone who has been involved in a traffic accident? Have you been injured in a traffic accident? Do you think talking on cell phones can help cause traffic accidents?

ESL Conversation Questions - Sports (I-TESL-J)

Conversation Questions Sports A Part of Conversation Questions for the ESL Classroom. Baseball Basketball Bullfighting Do you play any sports? Are you a good soccer player? Basketball player? Baseball player? Rugby player? Tennis player? Are you a member of any sports team? If not, have you ever been? Are you good at sports? What sports are you ...

ESL Conversation Questions - Free Time & Hobbies (I-TESL-J)

Conversation Questions Free Time & Hobbies A Part of Conversation Questions for the ESL Classroom. Free Time Do you have enough free time? Do you have free time on Sundays? Do you have much free time during the day? Do you have much free time in the evenings? Do you have much free time in the mornings?

ESL Conversation Questions - Movies (I-TESL-J)

Conversation Questions Movies A Part of Conversation Questions for the ESL Classroom. What is your all-time favorite movie? What is your favorite movie? Are there any kinds of movies you dislike? If so, what kinds? Why do you dislike them? Do you like to watch horror movies? Do you prefer fiction or nonfiction books? How about movies?

ESL Conversation Questions - Cars and Driving (I-TESL-J)

Conversation Questions Cars and Driving A Part of Conversation Questions for the ESL Classroom. How old were you when you first learned to drive? Was there anything difficult about learning to drive? Can you drive a car? Can you drive a manual shift car? Do you have a car? If so, what kind of car do you have?

Conversation Questions for the ESL/EFL Classroom (I-TESL-J)

Conversation Questions for the ESL/EFL Classroom A Project of The Internet TESL Journal If this is your first time here, then read the Teacher's Guide to Using These Pages If you can think of ...

ESL Conversation Questions - Getting to Know Each Other (I-TESL-J)

Conversation Questions Getting to Know Each Other A Part of Conversation Questions for the ESL Classroom. Do you have any pets? What was the last book you read? Do you like to ...

ESL Conversation Questions - What if...? (I-TESL-J)

Conversation Questions What if...? A Part of Conversation Questions for the ESL Classroom. If you had only 24 hours to live, what would you do? If a classmate asked you for the answer to ...

ESL Conversation Questions - Conflict (I-TESL-J)

Conversation Questions Conflict A Part of Conversation Questions for the ESL Classroom. What is conflict? When you see the word "conflict", what do you think of? What causes conflict? Is ...

ESL Conversation Questions - Love, Dating & Marriage (I-TESL-J)

Conversation Questions Love, Dating & Marriage A Part of Conversation Questions for the ESL Classroom. Related: Marriage, Weddings These questions are also divided into pages: Dating ...

ESL Conversation Questions - Traffic Accidents (I-TESL-J)

Traffic Accidents A Part of Conversation Questions for the ESL Classroom. Have you ever seen a traffic accident? Have you been involved in a traffic accident? Do you know someone who has ...

ESL Conversation Questions - Sports (I-TESL-J)

Conversation Questions Sports A Part of Conversation Questions for the ESL Classroom. Baseball Basketball Bullfighting Do you play any sports? Are you a good soccer player? ...

ESL Conversation Questions - Free Time & Hobbies (I-TESL-J)

Conversation Questions Free Time & Hobbies A Part of Conversation Questions for the ESL Classroom. Free Time Do you have enough free time? Do you have free time on Sundays? Do ...

ESL Conversation Questions - Movies (I-TESL-J)

Conversation Questions Movies A Part of Conversation Questions for the ESL Classroom. What is your all-time favorite movie? What is your favorite movie? Are there any kinds of movies you ...

ESL Conversation Questions - Cars and Driving (I-TESL-J)

Conversation Questions Cars and Driving A Part of Conversation Questions for the ESL Classroom. How old were you when you first learned to drive? Was there anything difficult ...

Unlock your understanding of computers with our essential questions and answers for discovering computers. Learn more and enhance your tech knowledge today!

[Back to Home](#)