

1. Which among the following is the set of programs that enables your computer's hardware devices and application software to work together?

1. Word processing software
- 2. Utility software**
3. Media software
4. Integrity tools
5. None of these

Utility software is system software designed to help analyse, configure, optimize or maintain a computer.

2. A hard copy of a file created on a computer refers to data

1. saved on a floppy disk
- 2. printed on a printer**
3. backed up on a tape drive
4. sent as an e-mail
5. None of these

A print out of the contents of the file on the computer. That is what the term 'hard copy' normally refers to.

3. The type of software that controls the internal operations in the computer, and controls how the computer works with all its parts is which of the following?

1. Shareware
- 2. Operating system software**
3. Application software
4. Public domain software
5. None of these

An operating system is the most important software that runs on a computer. It manages the computer's memory, processes, and all of its software and hardware. It also allows you to communicate with the computer without knowing how to speak the computer's language. Without an operating system, a computer is useless.

4. _____ search engine sends request for information to several search engines simultaneously and compiles the results.

- 1. Meta**
2. Individual
3. Directory
4. Subject directory
5. None of these

A metasearch engine (or aggregator) is a search tool that uses another search engine's data to produce their own results from the Internet. Metasearch engines take input from a user and simultaneously send out queries to third party search engines for results. Sufficient data is gathered, formatted by their ranks and presented to the users.

5. The most frequently used instructions of a computer program are likely to be fetched from_____.

1. the hard disk
 - 2. cache memory**
 3. RAM
 4. Registers
 5. None of these
- Cache memory is random access memory (RAM) that a computer microprocessor can access more quickly than it can access regular RAM.

6. A goal of normalization is to _____.

1. minimize the number of relationships
2. minimize the number of entities
3. minimize the number of tables
- 4. minimize the number of redundancy**
5. None of these

Normalization is a process of organizing the data in database to avoid data redundancy, insertion anomaly, update anomaly & deletion anomaly.

7. Which Excel tool allows you to create quickly and automatically summarize data from a large data set?

1. Conditional formatting
- 2. Pivot tables**
3. Sorting
4. Field lists
5. None of these

A pivot table is a program tool that allows you to reorganize and summarize selected columns and rows of data in a spreadsheet or database table to obtain a desired report. A pivot table doesn't actually change the spreadsheet or database itself.

8. _____ is a Windows utility program that locates and eliminates unnecessary fragments and rearranges filed and unused to disk space to optimise operations.

1. Backup
 2. Disk cleanup
 - 3. Disk defragmenter**
 4. Restore
 5. Disk restorer
- Disk Defragmenter is a Windows utility program that located and eliminates unnecessary fragments and rearranges filed and unused to disk space to optimise operations.

9. Which command is used to set a name to a disk in DOS?

1. VOLUME
2. VOL
- 3. LABEL**
4. DISKLABEL
5. None of these

Label (command) in computing, label is a command included with some operating systems (e.g., DOS, OS/2 and Microsoft Windows). It is used to create, change, or delete a volume label on a logical drive, such as a hard disk partition or a floppy disk.

10. Which of the following operating does not implement multitasking truly?
1. Windows 98 2. Windows NT
3. Windows XP 4. **MS DOS** 5. None of these
MS DOS is not multitasking truly.

11. A row in a spreadsheet is equivalent to a _____ in DBMS.

1. **Tuple** 2. Attribute 3. Relation
4. Row-Tuple 5. Primary Key

12. Firewire is a type of _____.

1. Firewall 2. Antivirus 3. USB Device
3. **High Speed Serial Bus** 4. High Speed Serial Bus

13. Heat Sink is used to _____ ?

1. Provide warm up power to processor
2. Provide startup power to Operating System

3. **Provide cooling to processor**

4. None of these

Provide cooling to processor

14. 2^{30} bytes represents

1. Megabyte 2. **Gigabyte** 3. terabyte
4. Petabyte 5. None of these

2^{10} byte = KB

2^{20} byte = MB

2^{30} byte = GB

2^{40} byte = TB

2^{50} byte = PB

2^{60} byte = EB(Exabyte)

15. Which of the following device powers date and time when computer is switched off?

1. SMPS 2. **CMOS battery**
3. BIOS 4. RAM

CMOS battery

16. Which of the following is not a part of CPU?

1. ALU 2. **RAM**
3. Control Unit 4. Registers

RAM is not a part of CPU

17. What does I stands for in NIC?

1. **Interface** 2. immediate
3. Internet 4. interconnection

NIC- network interface controller

18. First smartphone was launched in Japan by which company?

1. Sony 2. Okuma 3. **NTT docomo**
4. Visco 5. None of these

In 1999 Japanese firm NTT Docomo released first smartphone. But it became wide spread in 2000.

19. Which of the following is the most popular smartphones OS in early age?

1. **Motorola ming** 2. Linux 3. M Window
4. Symbian 5. Android
Symbian by Nokia

20. Multi touch interface was first introduced in which smartphones?

1. Motorola 2. Nokia 3. Samsung
4. **Apple** 5. None of these

In early 2007, Apple Inc. introduced the iPhone, one of the first smartphones to use a multi-touch interface

21. Android is an open-source platform founded by.....?

1. William kang 2. **Andy Rubin**
3. Denial martin 4. Andrew mark 5. None

22. BADA is recognized as a?

1. **Smartphone OS** 2. Application software
3. Utility software 4. Gadget 5. None

23. Mobile version of Ubuntu operating system is?

1. Ubuntu 2.0 2. **Ubuntu touch**
3. Ubuntu 3.0 4. Ubuntu 11 5. None

24. Abbreviation of MID?

1. **Mobile Internet Device**
2. Mobile Intranet Device
3. Mobile Information Device
4. Mobile Interface Decoder
5. None of these

A mobile Internet device (MI4) is a multimedia-capable mobile device providing wireless Internet access.

25. is an extension to the Picture Transfer Protocol (PTP) communications protocol that allows media files to be transferred atomically to and from portable devices.

1. **Media Transfer Protocol**
2. Media Access Protocol
3. Multi Access Control
4. any of the above 5. None of these

The Media Transfer Protocol (MTP) is an extension to the Picture Transfer Protocol (PTP) communications protocol that allows media files to be transferred atomically to and from portable devices. Whereas PTP was designed for downloading photographs from digital cameras, Media Transfer Protocol allows the transfer of music files on digital audio players and media files on portable media players, as well as personal information on personal digital assistants.

26. Which of the following is the smartphone OS?

1. MeeGo 2. Moblin 3. Maemo
4. All of the above 5. None of these

27. The OS X has

1. Monolithic Kernel 2. **Hybrid Kernel**
3. Microkernel 4. None of these
5. Monolithic Kernel with Modules

28. The primary purpose of computer is to convert raw data into _____

1. Code 2. program
3. Object 4. **Information**
Meaningful Information

29. _____ is a class of data storage devices that read stored data in a sequence.

1. RAM 2. **SAM**
3. WAN 4. Cloud
sequential access memory (SAM)

30. Which of the following shortcut key is used to switch between active windows using Aero Effect?

1. Alt + Tab 2. Ctrl + Tab
3. Shift + Tab 4. **Windows + Tab**
Windows Key+ Tab

31. Which of the following is not an object oriented programming language?

1. Python 2. Ruby
3. VB.Net 4. **Pascal**
Pascal is structured Language

32. OLE is a framework provided by _____

1. Oracle 2. **Microsoft**
3. Google 4. IBM

Object Linking and Embedding is a proprietary technology developed by Microsoft that allows embedding and linking to documents and other objects

33. _____ specifies how software components should interact with each other.

1. LAN 2. SAN
3. **API** 4. CGI

Application program interface (API) is a set of routines, protocols, and tools for building software applications. An API specifies how software components should interact.

34. J2EE was developed by

1. Microsoft 2. Google
3. **Sun Microsystems** 4. IBM

Developed by Sun Microsystems. Oracle acquired Sun Microsystems in 2010

35. PERL is a _____

1. Accounting Software
2. **Programming Language**
3. Graphics Software
4. Database Software
Programming Language

36. Which of the following will not affect the performance of your computer?

1. The amount of RAM
2. Presence of Graphics Card
3. **Number of keys on the keyboard**
4. Type of processor

37. IP Address 127.0.0.1 is known as _____

1. Specific Address 2. Dynamic Address
3. Static Address 4. **Loopback Address**

38. Which of the following is a type of program that either pretends to have, or is described as having, a set of useful or desirable features but actually contains damaging code.

1. **Trojans** 2. Viruses
3. Worm 4. Adware
5. Bots

Generally, you receive Trojan horses through emails, infected webpages, instant message, or downloading services like games, movies, and apps. True Trojan horses are not technically viruses, since they do not replicate; however, many viruses and worms use Trojan horse tactics to initially infiltrate a system.

The best way to stay away from Trojans is by making sure you install software from trusted sources.

39. Which of the following is the type of software that has self-replicating software that causes damage to files and system?

1. Viruses 2. Trojan horses
3. Bots 4. **Worms** 5. Backdoors

A worm is a type of virus that spreads through your computer by creating duplicates of itself on other drives, systems and networks.

40. Which of the following is a program capable of continually replicating with little or no user intervention?

1. **Virus** 2. Trojan horses 3. Rootkit
4. Worms 5. Bots

Typically, a piece of code causes damage to your computer either by deleting or corrupting files. A virus can also interfere with computer operations by multiplying itself to fill up disk space or randomly access memory space, secretly infecting your

computer. They can even your master boot records thereby making your computer start slow or not boot at all.

Often viruses are disguised as games, images, email attachments, website URLs, shared files or links or files in instant messages.

41. Which of the following is a software that, once installed on your computer, tracks your internet browsing habits and sends you popups containing advertisements related to the sites and topics you've visited?

1. Backdoors
2. **Adware**
3. Malware
4. Bots
5. Spyware

Some adware has keyloggers and spyware built into the program, leading to greater damage to your computer and possible invasion of your private data.

42. What is the software called that's designed to loit a computer user and is a broad term covering computer viruses, worms, Trojan, adware, etc.?

1. Backdoors
2. Key-logger
3. **Malware**
4. Bots
5. Spyware

Malware is short for malicious software. Malware is a broad term that encompasses computer viruses, worms, Trojan horses, spyware, adware, and others. Malware is designed to interfere with normal computer operation, usually giving hackers a chance to gain access to your computer and collect sensitive personal information.

43. What is the software called which when get downloaded on computer scans your hard drive for personal information and your internet browsing habits?

1. Backdoors
2. Key-logger
3. Malware
4. Antiware
5. **Spyware**

Spyware is malicious computer program that does exactly what its name implies-i.e., spies on you. After downloading itself onto your computer either through an email you opened, website you visited or a program you downloaded, spyware scans your hard drive for personal information and your internet browsing habits. Some spyware programs contain keyloggers that will record personal data you enter in to websites, such as your login usernames and passwords, email addresses, browsing history, online buying habits, etc.

44. _____ are computer programs that are designed by attackers to gain root or administrative access to your computer.

1. Backdoors
2. **Rootkits**
3. Malware
4. Antiware
5. Spyware

Rootkits are computer programs that are designed by attackers to gain root or administrative access to your computer. Once an attacker gains admin privilege, it becomes a cakewalk for him to loit your system.

Unlike most viruses, it is not directly destructive and unlike worms, its objective is not to spread infection as wide as possible.

45. The attack that focuses on capturing small packets from the network transmitted by other computers and reading the data content in search of any type of information is ____

1. Phishing
2. **Eavesdropping**
3. Scams
4. Loits
5. Denial of service

Network eavesdropping is a network layer attack that focuses on capturing small packets from the network transmitted by other computers and reading the data content in search of any type of information.

This type of network attack is generally one of the most effective as a lack of encryption services are used. It is also linked to the collection of metadata.

46. _____ is the action of recording the keys struck on a keyboard, typically covertly, so that the person using the keyboard is unaware that their actions are being monitored.

1. Denial of service
2. Loits
3. Scams
4. **Keylogging**
5. Spamming

Keystroke logging, often referred to as keylogging or keyboard capturing, is the action of recording (logging) the keys struck on a keyboard, typically covertly, so that the person using the keyboard is unaware that their actions are being monitored.

47. _____ is the part of malware such as worms or viruses which performs the malicious action; deleting data, sending spam or encrypting data.

1. Denial of service
2. loits
3. Scams
4. **Payload**
5. Spamming

In computer security, the payload is the part of malware such as worms or viruses which performs the malicious action; deleting data, sending spam or encrypting data. In addition to the payload, such malware also typically has overhead code aimed at simply spreading itself, or avoiding detection.

48. Which of the following is used to stores programs and files that are to be used later?

1. Mother Board
2. RAM
3. **Hard Disk**
4. Cache

RAM and Cache are temporary memory. Hard Disk stores data to be used later.

49. Which of the following media device cannot perform both the operation of reading and writing?

1. Hard Disk
2. Pen Drive
3. **CD-ROM**
4. Floppy Disk

CD- ROM – Read only memory. It cannot perform write operation.

50. Who among the following is called the father of 'C' programming language?

1. Bjarne Stroustrup
2. **Dennis Ritchie**
3. Bill Gates
4. James Gosling

51. An X84 architecture of processor means it is a ___ bit of processor.

1. 16 bit
2. **32 bit**
3. 64 bit
4. 84 bit

X84= 32 bit

52. How many s does a BINARY choice offers?

1. One
2. **Two**
3. Three
4. depends on the architecture of the processor

Binary means only 0 and 1 so two.

53. A ___ provides the path for the information to travel between various parts of computer.

1. Port
2. **Bus**
3. SMPS
4. Pentium

Bus

54. How many function keys are present in a modern QWERTY keyboard?

1. 11
2. **12**
3. 13
4. 14

55. How many layers are present in TCP/IP model of networking?

1. 3
2. **4**
3. 6
4. 7

Four layers

56. How many layers are present in OSI model of networking?

1. 3
2. 4
3. 6
4. **7**

Seven

57. E-commerce means ____

1. to publish important news over TCP/IP
2. **Conduct business over Internet**
3. To provide Internet facilities
4. None of these

58. A symbol or question on the screen that prompts you to take action and tells the computer what to do next_____.

1. Scanner
2. **prompt and dialog box**
3. questionnaire
4. information seeker

The graphical control element dialog box (also called dialogue box or just dialog) is a small

window that communicates information to the user and prompts them for a response. Dialog boxes are classified as “modal” or “modeless”, depending on whether they block interaction with the software that initiated the dialog. The type of dialog box displayed is dependent upon the desired user interaction.

59. Which of the following is a term related with scanner?

1. Laser
2. TWAIN
3. Cartridge
4. Browser
5. **Both (1) and (2)**

Laser is the term related with scanner as there are laser scanners. TWAIN is an applications programming interface (API) and communications protocol that regulates communication between software and digital imaging devices, such as image scanners. It is a widely-used program that lets you scan an image (using a scanner) directly into the application.

60. In DHCP, C stands for?

1. Centralised
2. Centered
3. Cut
4. Common
5. **Configuration**

DHCP stands for Dynamic Host Configuration Protocol.

61. Switch is a network device whose responsibility is to_____.

1. Protect from virus attack
2. turn of the power to network
3. **Connect Network devices**
4. Boot the network
5. None of these

A network switch is a computer networking device that connects devices together on a computer network, by using packet switching to receive, process and forward data to the destination device.

62. Verification of a login name and password is known as_____.

1. Configuration
 2. accessibility
 3. **Authentication**
 4. logging in
 5. None of these
- Authentication is a process in which the credentials provided are compared to those on file in a database of authorized users' information on a local operating system or within an authentication server.

63. In word processing, an efficient way to move the 3rd paragraph to place it after the 5th paragraph is_____.

1. copy and paste
 2. copy and cut
 3. cut and copy
 4. **cut and paste**
 5. None
- Microsoft Word allows you to select text or a graphic, cut it and paste it somewhere else in the same document or another document.

64. The most widely used code that represents each character as a unique 8-bit code is _____.

1. ASCII
2. Unicode
3. Binary numbering system
4. EBCDIC
5. None of these

Most modern character-encoding schemes are based on ASCII (American Standard Code for Information Interchange), although they support many additional characters.

65. _____ are attempts by individuals to obtain confidential information from you by falsifying their identity.

1. Phishing trips
 2. Computer viruses
 3. spyware scams
 4. Viruses
 5. Pushing scams
- Phishing trips are attempts by individuals to obtain confidential information from you by falsifying their identity.

66. The altering of data so that it is not usable unless the changes are undone is _____.

1. Biometrics
 2. Compression
 3. Encryption
 4. Ergonomics
 5. Spamming
- Encryption is the most effective way to achieve data security. To read an encrypted file, you must have access to a secret key or password that enables you to decrypt it. Unencrypted data is called plain text; encrypted data is referred to as cipher text.

67. What does BASIC stands for?

1. Beginner's All-purpose Simple Instruction Code
 2. Beginner's All-purpose Symbolic Intention Code
 3. Beginner's All-purpose symbolic Instruction code
 4. Beginner's All-purpose Symbolic Instruction Cell
 5. Basic All-purpose System Instruction Cell
- BASIC stands for Beginner's All-purpose symbolic Instruction code.

68. RAM is installed on _____

1. CPU
 2. Motherboard
 3. SMPS
 4. Graphic Card
- RAM is a memory unit inserted in a slot present on the motherboard.

69. A software program responsible for managing all print jobs currently being sent to the computer printer or print server is called _____.

1. Print Server
 2. Print Spooler
 4. Print Hybrid
 3. Application Spooler
- Print Spooler

70. HTTP 404 error on internet while opening a webpage or file indicates _____ ?

1. Server Busy
2. File not found

3. Server unable to handle request
 4. File format not correct
- File not found

71. Find the odd one out.

1. Pen Drive
2. Hard Disk
3. RAM
4. DVD

All except 3. are secondary memory

72. The feature in Windows Operating System to use external USB flash drives as a hard disk cache to improve disk read performance is known as _____?

1. USB Boost
 2. Drive Boost
 3. Ready Boost
 4. Speed Boost
- Ready Boost

73. _____ is a type of malicious software designed to block access to a computer system until a sum of money?

1. Moneyware
 2. ransomware
 3. Extortionware
 4. illegalware
- ransomware

74. A/an _____ is a piece of software designed to update a computer program or its supporting data, to fix or improve it

1. feature
 2. budget
 3. Patch
 4. beta
- patch

75. What does E stands for in SEO with respect to internet?

1. External
 2. Extended
 3. Elevation
 4. Engine
- Search Engine Optimization

76. Find the odd one out key:

1. Ctrl
 2. Alt
 3. Shift
 4. Caps Lock
- All the other keys except Caps Lock require simultaneous use of some other key.

77. If you want to save a link of webpage in the web browser you can _____ that webpage.

1. Index
 2. Home page
 3. Bookmark
 4. Handle
- Bookmark

78. The altering of data so that it is not usable unless the changes are undone is _____.

1. Biometrics
 2. Compression
 3. Encryption
 4. Ergonomics
- Encryption is the process of encoding messages or information in such a way that only authorized parties can read it. Encryption does not of itself

prevent interception, but denies the message content to the interceptor.

79. _____ ensures secure transfer of data over an unsecured network, such as the Internet.

1. Antivirus
2. Hacking
3. Cracking
4. Spoofing
5. **Cryptography**

In cryptography, data are sent in such a way that they look completely different from the original data. Thus, cryptography ensures secure transfer of data over an unsecured network.

80. _____ are often delivered to a PC through an email attachment and are often designed to do harm.

1. **Viruses**
2. Spam
3. Portals
4. SMS messages
5. None of these

Viruses are often delivered to a PC through an email attachment and are often designed to do harm.

81. A commonly used graphic format for the Web is _____.

1. **GIF**
2. BMP
3. TXT
4. LMP
5. TIF

The Graphics Interchange Format (GIF) is used to save simple Web graphics having limited colours. This image format is usually used for Web buttons, charts and text headings.

82. A repair for a known software bug, usually available at no charge on the internet, is called a(n) _____.

1. Version
2. **Patch**
3. tutorial
4. FAQ
5. None of these

A patch is a piece of software designed to update a computer program or its supporting data to fix or improve it.

83. If you change Windows 98 to Windows-xp, you are actually performing _____.

1. Upstart
2. **Upgrade**
3. update
4. Patch
5. None of these

If you change Windows 98 to Windows-XP, you are actually performing upgrade. In a way, they have more in common with each other than any other Windows operating system.

84. Which of the following network devices is used to connect networks using different protocols?

1. Hub
2. Switch
3. Router
4. **Gateway**
5. Repeater

Gateway connects more than one network that uses different protocols.

85. Which of the following is the activity of purchasing items and products from different websites on the internet and using online modes,

such as credit cards and debit cards, to make the payments?

1. E-banking
2. **Online shopping**
3. Online reservation
4. M-reservation
5. E-governance

The activity of purchasing items from different websites on the internet is known as online shopping.

86. A network geometric arrangement in which a single connecting line is shared by a number of nodes is called _____.

1. Car Topology
2. **Bus Topology**
3. Truck Topology
4. All of the above
5. None of these

Bus Topology is the simplest of network topologies. All the nodes are connected to the single cable by the help of interface connectors. This central cable is the backbone of the network and is known as Bus.

87. The full form of VDA is _____.

1. **Virtual Desktop Access**
2. Visual Desktop Array
3. Virtual Desktop Array
4. Visual Desktop Access
5. None of these

Windows Virtual Desktop Access (VDI) is an authorization strategy that requires each device seeking access to a Windows virtual desktop in a virtual desktop infrastructure (VDI) to be licensed.

88. Which of the following term is not related to internet?

1. ISP
2. Browser
3. **Slide**
4. Download

Slide is related to PowerPoint presentation

89. Which of the following is not a programming language?

1. PHP
2. C#
3. **WordPress**
4. Python

WordPress is a content creation platform for websites.

90. Which of the following feature in MS Office copies formatting from one text and applies it to another text?

1. Word Painter
 2. **Format Painter**
 3. Copy Painter
 4. Text Copier
- Format Painter

91. Shortcut key to Justify text in MS Word is?

1. Ctrl + H
2. **Ctrl + J**
3. Ctrl + K
4. Ctrl + N

92. What is the full form of the key named PrtSc located on modern keyboard used to capture screenshot of monitor.

1. Print Scroll
 2. Produce Screen
 - 3. Print Screen**
 4. None of these
- Print Screen

93. A program written in which of the following language will take the least time for execution?

1. C++
2. Java
3. C
- 4. Machine**

As machine language do not require conversion and is directly understood by computer it will take least time.

94. You have to Move a text from one place to another in a MS Word. Which of the following sequence of shortcut key will serve this purpose?

1. Ctrl+C, Ctrl+V
2. Ctrl+V, Ctrl+C
- 3. Ctrl+X, Ctrl+V**
4. Ctrl+V, Ctrl+X

95. C++:OOPs :: C: ___

1. Low Level
- 2. Structured**
3. 5G Language
4. OOps

C is a structured programming language.

96. The _____ is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction.

1. Virtual Reality
2. Augmented Reality
- 3. Internet of Things**
4. None of these

97. Which of the following is not a valid version of MS Office?

1. Office 2010
2. Office 365
3. Office XP
- 4. Office Fenesta**

98. A table in a spreadsheet is equivalent to a _____ in DBMS.

1. Tuple
 2. Attribute
 - 3. Relation**
 4. Primary Key
- Table- Relation

99. SATA and PATA are a types of _____?

1. RAM
 2. Processor Architecture
 3. Wireless Mouse
 - 4. Hard Disk**
- Hard Disk

SATA- Serial Advanced Technology Attachment

PATA- Parallel Advanced Technology Attachment

100. A column in a spreadsheet is equivalent to a _____ in DBMS.

1. Tuple
2. Relation
- 3. Attribute**
4. Primary Key

Column- Attribute

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