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1. A computer program that records every keystroke made by a computer user, especially in order to gain fraudulent access to passwords and other confidential information is called

- a) Screen Recorder
- b) Keylogger
- c) Lightstroke Reader
- d) Key Capture
- e) Malwares

Ans: B

A keylogger, sometimes called a keystroke logger or keyboard capture, is a type of surveillance technology used to monitor and record each keystroke on a specific computer. In an alternative way, Keyloggers are a particularly insidious type of spyware that can record and steal consecutive keystrokes (and much more) that the user enters on a device

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

- a) C
- b) C++
- c) FORTRAN
- c) BASIC
- e) Solaris

Ans: E

Solaris is an enterprise Operating system for Oracle Database and Java applications. Rest all are programming languages.

3. The situation of having an identical piece of data stored in two different locations is known as _____ and is created by databases or other data storage technologies.

- a) Data Encapsulation

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- b) Data Abstraction
- c) Data Redundancy
- d) Data Polymorphism
- e) Data Duplication

Ans: C

Data redundancy occurs when the same piece of data exists in multiple places, whereas data inconsistency is when the same data exists in different formats in multiple tables. Unfortunately, data redundancy can cause data inconsistency, which can provide a company with unreliable and/or meaningless information.

4. Which Script enabled the production of client-side dynamic web pages executed in the client's browser? a) PHP b) Java Script c) Ruby d) Bash e) Python Ans: B JavaScript enables the production of client-side dynamic web pages, with the JavaScript code executed in the client's browser.

5. Which of the following is invalid Statement regarding generation of computer?

- a) First Generation The period of first generation: 1946-1959. Vacuum tube based.
- b) Second Generation The period of second

generation: 1959-1965. Transistor based. c) Third Generation The period of third generation: 1965-1971. Integrated Circuit based. d) Fourth Generation The period of fourth generation: 1971-1980. VLSI microprocessor based. e) All are correct Ans: E

6. Which OSI layer specifies how two devices should compress, encrypt, and encode data so it may be successfully received on the other end?

- a) Application Layer
- b) Network Layer
- c) Data-link Layer
- d) Physical Layer
- e) Presentation Layer

Ans: E

7. Alt, Ctrl are _____ keys.

- a) Stroke Keys
- b) Lock Keys
- c) Candidate Keys
- d) Shortcut Keys
- e) Modifier Keys

Ans: E

A modifier key is a keyboard key that can only be used in conjunction with another key when using a computer. Ctrl, Alt, and Shift are the modifier keys on a typical modern keyboard

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8. Which of the following forms of transmission occurs during walkie-talkie communication? a) Simplex b) Full —Duplex c) Half-Duplex d) Online e) None of these Ans: C

In half-duplex mode, both the transmitter and receiver transmit and receive, but not at the same time. When one of them is sending, the other can only receive, and vice versa. Example: Walkie-talkie in which message is sent one at a time and messages are sent in both directions.

9. In which type of disc the data can be written only once and cannot be erased? a) CD-RW/DVD-RW b) BD-R c) DVD-ROM/CD-ROM d) HD-DVD e) CD-R/DVD-R Ans: E With CD-R discs, you can only write to them once, but you can read from them repeatedly.

You can write to CD-RW discs numerous times and read content from them an infinite number of times.

10. A firewall is software or firmware that

prevents _____ a) Access to internetwork files b) Access to intranetwork files c) Access to files from public IP addresses d) Access to logic bomb files e) Unauthorized access to a network Ans: E A firewall is essential software or firmware in network security that is used to prevent unauthorized access to a network. It inspects incoming and outgoing traffic using a set of security rules to identify and block threats.

11. The BIOS settings are stored in the _____ chip which is kept powered up via the battery on the motherboard

- a) EPROM
- b) UEFI
- c) PMOS
- d) CMOS
- e) None of these

Ans: D

BIOS, or Basic Input/Output System, is software stored on a small memory chip, also known as firmware. BIOS is found on the motherboard, and it is the very first software to run after a computer starts. Generally, the terms BIOS and CMOS are used interchangeably. A BIOS chip

in a motherboard contains the program (firmware commonly called BIOS) to boot the computer. A CMOS chip stores the settings like

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date & time, fan speed, booting sequence. The CMOS is also a chip on the motherboard but is a RAM chip with volatile memory which stores information about the computer components and their settings

12. Simple Mail Transfer Protocol (SMTP) Protocol is used for sending or receiving _____. a) Source Code b) Object Files c) Executable Files d) .info files
e) e-mail between e-mail clients and servers

Ans: E

The Simple Mail Transfer Protocol (SMTP) is used for sending and receiving e-mail between e-mail clients and servers. When an SMTP server receives an e-mail from a mail client, the SMTP server will then check the MX records for the domain in the e-mail address in order to exchange the mail with the remote SMTP server.

13. Which of the following convert high level language to low level language?

- a) Loader
- b) Linker
- c) Editor
- d) Assembler
- e) Compiler

Ans: E A compiler is a special program that translates a programming language's source code into

another programming language. The source code is typically written in a high-level, human-readable language such as Java or C++.

14. _____ refers to the gap between demographics and regions that have access to modern information and communications technology, and those that don't or have restricted access. a) SMPS b) Virtual Data Drive c) Circuit Switching d) Analog Divide e) Digital Divide

Ans: E

The digital divide is a term that refers to the gap between demographics and regions that have

access to communications technology (ICT), and those that don't or have restricted access.

15. Which shortcut key is used _____ to start a presentation from the beginning?

- a) F12
- b) F1
- c) Shift + F9
- d) Ctrl+ F2

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e) F5

Ans: E

16. Which of the following malicious program do not replicate automatically?

- a) Virus
- b) Worm
- c) Zombie
- d) Logic bomb
- e) Trojan horse Virus

Ans: E

Until a user executes the Trojan it can't replicate itself.

17. USB and Various Ports are controlled by _____. a) Serial Ports b) SATA c) PATA d) South Bridge of Motherboard

e) None of these

Ans: D The Southbridge is one of the two chips in the core logic chipset on a personal computer (PC)

motherboard. implements the bridge capabilities of the motherboard in Northbridge/Southbridge chipset computer architecture.

18. Which of the following statements is not true about cache memory?

- a) Cache memory is a form of Read Only Memory (ROM)
- b) It is directly associated with the microprocessor.
- c) Cache memory can be accessed much faster by a microprocessor in comparison to a RAM.
- d) Cache memory is sometimes called CPU memory.
- e) All of these

Ans: A

Cache Memory is a form of Read Only Memory (ROM) is not true about cache memory

19. Which tool do you choose in PowerPoint to apply a transition to the current slide? a) View b) Review c) SlideShow d) Transition e) Animation
Ans: D On the Transitions tab, under Transition to This Slide, click the transition that you want to apply. To change to a different variation of the transition, such as the direction it moves on the screen, click Effect Options, and then select the variation you want

20. A modem _____

- a) Translates analog signals from a computer into digital signals that can travel along

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conventional telephone lines.

b) Translates digital signals from a computer into analog signals that can travel along conventional telephone lines.

c) Demodulates digital signals from a computer.

d) Modulates signals from an analog telephone line

e) None of These

Ans: B

A Modem translates digital signals from a computer into analog signals that can travel along conventional telephone lines

21. What are the steps involved in animating an element/text in power point presentation?

a) Text/Element>AnimationTab>animation>effect

b) Text/Element>SlideShow>animation>effect.

c) Text/Element>Review>animation>effect.

d) Text/Element>View>animation>effect e) None of these

Ans: A

Text/Element>AnimationTab>animation>effect.

22. The combination of White Hat and Black Hat hackers are _____.

a) Jailbreakers

b) Hackers

c) Crackers

d) Grey Hat Hacker

e) None of these

Ans: D Between white and black are grey hat hackers. Grey hat hackers enact a blend of both black hat and white hat activities. Grey hat hackers often look for vulnerabilities in a system without the owner's permission or knowledge.

23. What is the term used for the time during which a job is processed by the system? a) Turnaround time b) Scheduling time c) Waiting time d) Job time e) Execution Time/ CPU time

Ans: E

Burst time, also referred to as "execution time".

It is the amount of CPU time the process requires to complete its execution. It is the amount of processing time required by a process to execute a specific task or unit of a job.

24. Which of the following CD technologies is also WORM technology?

a) CD-RW

b) CD-Photo/Photo CD

c) CD-I (Compact Disc Interactive

d) CD-R

e) None of these

Ans: D

Compact Disc-Recordable (CD-R) technology is

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known as Write Once-Read Many (WORM) technology as data once written on these discs cannot be erased.

25. A _____ is a CPU register in the computer processor which has the address of the next instruction to be executed from memory. a) Memory Pointer b) File Pointer c) Data Pointer d) Instruction Pointer e) Program Counter (PC)

Ans: E

The program counter, PC, is a special-purpose register that is used by the processor to hold the address of the next instruction to be executed

26. What does AB8 means in Excel?

- a) Row AB Column 8
- b) Row A Cell B Column 8
- c) All are possible rendition
- d) None of these
- e) Column AB and Row 8

Ans: E

AB8 in MS- Excel means Column AB and Row number 8

27. What is the size of IPv4?

- a) 38-bit b) 16-bit

- c) 32-bit d) 64-bit
- e) None of these

Ans: C

28. _____ is the supply of computer services like data storage, servers, and databases through the Internet. a) IoT b) Blockchain c) ICT d) ISA e) Cloud computing is the supply of computer

services like data storage, servers, and databases through the Internet.

Ans: E

Cloud computing is on-demand access, via the internet, to computing resources—applications, servers (physical servers and virtual servers), data storage, development tools, networking capabilities, and more—hosted at a remote data center managed by a cloud services provider (or CSP).

29. What is the other name of URL?

- a) Subset Web address
- b) Superset Web address
- c) Archive site
- d) Index page address
- e) Web Address

Ans: E

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URL or the uniform resource locator is the other name of the Website Address

30. Which of the following is a very high-speed semiconductor memory which can speed up the CPU? a) Primary Memory b) Optical Disk

- c) SSD
- d) Secondary Memory
- e) Cache Memory

Ans: E

Cache memory is a very high-speed semiconductor memory which can speed up the CPU. Cache memory acts as a buffer between the main memory and the CPU. It holds the most frequently used part of the program and data.

31. Which of the following is not a valid form of Memory? a) ROM b) FORM c) PROM d) EPROM e) None of these Ans: B

32. Which shortcut key is used to go to Home in MS-Excel ?
a) Alt+A

- b) Ctrl+F
- c) Ctrl+T
- d) Alt+F2
- e) Alt+H

Ans: E

33. Ctrl + B Shortcut key is used to _____

- a) Add a hyperlink
- b) Make selection italic
- c) Make selection Superscript
- d) Make selection Subscript
- e) Make Selection Bold

Ans: D

34. Convert $(10101110)_2$ into Hexadecimal. a) AC b) FD c) AE d) CD e) AB Ans: C 10101110_2 decimal equals to 174. Then convert $(174)_{10}$ to Hexadecimal, i.e. AE

35. Convert $(010111010)_2$ into Octal

- a) 287
- b) 256
- c) 254
- d) 298
- e) 272

Ans: E

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010 111 010. Grouping them into three's. 2 7
2

36. When a user try to access a resource on a web server (usually a web page) that doesn't exist, which type of Error exist that time? a) HTTP Error 505 b) HTTP Error 302 c) HTTP Error 405 d) HTTP Error 403
e) HTTP Error 404

Ans: E

The Web server returns the HTTP 404 - File not found error message when it cannot retrieve the page that was requested. The following are some common causes of this error message:

The requested file has been renamed. The requested file has been moved to another location and/or deleted.

37. ~~inkjet printers, printer, laser printers, dot matrix printers~~
a) Inkjet printers b) Semi-impact Printers c) Hashed out Printers d) Priority Printers e) Non-Impact Ans: E

Non-impact printers create pictures, characters, and figures without any uninterrupted contact between the printing device and the paper.

Laser printers, Inkjet printers and Thermal printers are some examples of Non-Impact printers.

38. Which of the following keyboard key is used in a Microsoft PowerPoint presentation to select one hyperlink after another during a slide presentation?

- a) Shift+O b) Ctrl+P c) Alt+H
- d) F1 e) Tab

Ans: E

39. Flash memory is a non-volatile computer storage chip made up of _____.

- a) DROM
- b) MROM
- c) PROM
- d) EPROM
- e) EEPROM

Ans: E

EEPROM is the acronym of electrically erasable programmable read-only memory, EEPROM is a Programmable ROM that can be erased and reprogrammed using an electrical charge. It was first was developed by George Perlegos. It allows the user to update the computer BIOS without having to open the computer or remove any chips.

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40. In which network every host is connected to a central hub?

- a) Bus topology
- b) Mesh topology
- c) Ring topology
- d) Hybrid topology
- e) Star topology

Ans: E

In this network, topology nodes are connected to a central hub. Nodes communicate across the network by passing data through the hub. Failure in one of the terminals does not affect any other terminal. This network topology is used to connect terminals to a large time-sharing host computer.