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# RRB PO Mains 2022



1. A self-replicating program or	software is
which of the following?	

- a) VIRUS
- b) Worm
- c) Trojan
- d) Logic bomb
- e) Spam

Ans: B

A worm is standalone software that does not require a host program or human help to propagate.

2. A network hub is a node that dat							
to	every	computer	or	Ethernet-	based	device	
connected to it.							

- a) Unicasts
- b) Broadcasts
- c) Hosts
- d) Multicasts
- e) Anycasts

Ans. B

A hub is a device/node that broadcasts data to every computer connected to it.

<ol><li>The shortcut key for</li></ol>	continuously s	witching
between your tabs is _		

- a) Alt + Tab
- b) Ctrl + Tab
- c) Shift + Tab
- d) Alt + Tab

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- e) None of these Ans. b. Ctrl + Tab
- 4. Which among these which is not a browser?
- a) Chrome b) Brave c) Safari d) Mozilla e) All of these Ans: E

All the above-mentioned are web browsers

5. The first web-based email service which was founded in 1996 was \_\_\_\_ a) Zeroth mail b) Hotmail c) Gmail d) Apple mail e) Edison mail Ans: B Founded in 1996 by Sabeer Bhatia and Jack Smith as Hotmail, is now known as Outlook and isnow available in the Microsoft office suit.

6.The type of malware that hides on your device and secretly records the information and tracks your online activity and personal records is

\_\_\_ a) Virus b) Trojan c) Spyware

d) Worm e) Spam Ans: C Spyware is a type of malware installed on computers that collects information about users without their knowledge. The presence of spyware is typically hidden from the user and can be difficult to detect.

7. Which of the following is the interface/ port used to connect a printer to a computer? a) VGA b) None of these c) Serial d) Parallel e) All the above

Ans: D

Parallel ports are used to connect a printer to a computer, whereas the Serial ports are used to connect the Keyboard, Mouse and other peripheral devices to the computer. Currently, both these have been replaced by USB ports.

- 8. Green Line and Red Line are used in MS-Word to indicate which of the following errors respectively?
- a) Grammatical & Misspelling
- b) Contextual & Article
- c) Misspelling & Grammatical
- d) Grammatical & Historical
- e) None of these





Ans: A

**Grammatical & Misspelling** 

9. Spelling, Grammar and Thesaurus are found under which tab in MS Word 2019? a) Home b) Review c) Reference d) View e) Edit Ans: B

10. A/an \_\_\_\_\_ is an electronic signal that is generated from an external hardware device indicating it needs special attention from the OS? a) Trigger Signal b) Query c) Short signalling d) Interrupt e) trap Ans: D An interrupt is a signal emitted by a device attached to a computer or from a program within the computer. It requires the operating system (OS) to stop and figure out what to do next. An interrupt temporarily stops or terminates a service or a current process.

11. The Insert tab has which of the following options available in MS Excel?

a) Clipboard b) Font c) Chart d) Alignment e) Workbook Views Ans: C The chart option is available under the Insert tab. The rest are available in Home and View tabs.

12. Reverse Proxy protects the Server from

- a) External attacks like VIRUS, WORM, RANSOMWARE
- b) Hardware failures
- c) Software failures
- d) External natural disasters
- e) None of these

Ans: A

Reverse Proxy protects the server from external threats like Virus, Worm and ransomware.

Reverse proxies are typically implemented to and increase security, performance, reliability.

- 13. An application of Computer science used to provide data about biological systems is called?
- a) Biosphere b) Biotechnology c) Bioinformatics
- d) Bioengineering

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e) Biogeotechnology

Ans: C

Bioinformatics. Bioinformatics is defined as the application of tools of computation and analysis to the capture and interpretation of biological data.

14. What does FDISK do?

- a) performs low-level formatting of the hard drive
- b) fixes bad sectors on the hard drive
- c) recovers lost clusters on the hard drive
- d) creates partitions on the hard drive
- e) None of these

Ans: D

Itcreates partitions on the hard drive

- 15. A computer program that automatically searches web pages based on certain keywords is called?
- a) Web Data Store
- b) Web Play Store
- c) Browser
- d) Search Engine
- e) Web Crawler

Ans: E

A web crawler, crawler or web spider, is a computer program that's used to search and automatically index website content and other information over the internet. These programs, or bots, are most commonly used to create entries for a search engine index

16. Which email protocol is used to send /forward messages and which protocol is used for receiving messages respectively? a) SMTP & POP3 b) POP3 and PING c) POP3 and SMTP d) FTP & IMAP e) None of these

Ans: A

SMTP & POP3. POP3 is used for receiving and SMTP is used for transmitting or sending messages. MIME is used for attaching files.

- 17. In MS- PowerPoint, by default there are how many placeholders in the slides?
- a) 1
- b) 2
- c) 3
- d) 4
- e) 5

Ans: B

One for title and the other for text. There are two types of placeholders that appear on slides. The Single object placeholder is used to insert a object specific object and the multiple placeholders can be used to insert a range of different objects.

18. The 3rd Generation computer is \_\_\_\_\_a) UNIVAC

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- b) PASCAL
- c) PDP 11
- d) Honeywell 6000
- e) EDBIC

Ans: D

19. Among the following identify the OS that is the fastest a) Real time OS b) Distributed OS c) Time Sharing OS d) Homogenous OS e) None of these

Ans: B

Distributed OS. Among these Distributed OS is the fastest.

20. Select the correct algorithm used for paging in memory management a) Belady's Anomaly b) Travelling Salesman c) FCFS d) Page Replacement e) Round Robin Ans: D Page replacement happens when a requested page is not in memory (page fault) and a free page cannot be used to satisfy the allocation, either because there are none, or because the number of free pages is lower than some threshold.

- 21. Which of the following are the applications of an Operating System? a) File Management b) Context Switching c) Both a & b d) Managing network packets e) None of these Ans: C An OS does both Context Switching and Managing the File System
- 22. Which command displays directories as well as subdirectories also in MSDOS?
- a) DIR/All
- b) DIR/AN
- c) DIR/DS
- d) DIR/S
- e) None of these

Ans: D

The dir command displays a list of files and subdirectories in a directory. With the /S option, it recurses (execute a procedure recursively) subdirectories and lists their contents as well.

- 23. Full form of CMOS is
- a) Complimentary Metal-Oxide Semiconductor
- b) Coupling Metal-Oxide Semiconductor
- c) Complimentary Metal-Oxide System
- d) Converting Metal-Oxide Semiconductor
- e) ComplimentaryMetal-Operating Semiconductor

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Complimentary Metal-Oxide Semiconductor

24. The very first high-level language introduced in computer was \_\_\_\_\_.

- a) C
- b) PASCAL
- c) JAVA
- d) COBOL
- e) None of these

Ans: E

The first HLL introduced was FORTRAN (Formula Translation)

- 25. In a super type/subtype hierarchy, each subtype has?
- a) Only one super type
- b) Many super types
- c) At most two super types
- d) At least one subtype
- e) Not at all

Ans: A

In a super type/sub-type hierarchy, each subtype has only one super type

- 26. Consider the URL given "www.XYZ.com" What does the ".com" represent.
- a) Communication
- b) Commercial
- c) Committee
- d) Company

e) Both c & d

Ans: B

27. A software which is freely available to download but the source code in it can't be modified or changed is called \_\_? a) Open Source

- b) Closed Source c) GITHUB d) Freeware
- e) Malware

Ans: D

Unlike with free and open-source software, which are also often distributed free of charge, the source code for freeware is typically not made available.

idely

28. Category 6 or CAT6 Ethernet cable colour standards are Red, Blue, Yellow, White, Grey and Black. What does the Bluecolour identify?

a) VOIP connection b) Network Connectivity c) Equipment in workstation d) Jumpers e) Receivers

Ans: B

Network Connectivity. The Blue coloured cable denotes Network Connectivity.

29. TCP port number 443 is used by \_\_\_

a) TELNET

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- b) HTTP
- c) HTTPS
- d) DHCP
- e) SQL SERVER

Ans: C

HTTPS uses port 443, DHCP uses 67 and 68. Whereas HTTP uses 80 and SQL Server uses 1433 port number. TELNET- 23

30. The shortcut key to apply date formatting in day, month and year in MS Excel is?

- a) Ctrl + Shift + #
- b) Ctrl + Shift + Spacebar
- c) Ctrl + Down arrow
- d) All are possible
- e) None of these

Ans: A

- 31. Which of the following is not a number system?
- a) Buffer
- b) Token
- c) Binary
- d) Octal
- e) Both a & b

Ans: E

Both Buffer and Token do not represent a number system. A buffer is a storage device used to compensate for a difference in rate of data flow, or time of occurrence of events, when transmitting data from one device to another. In

the computer networking industry, a token is a data frame that is transmitted between network points on a token ring network. 32. In MS-Excel, to insert the sum formula, which function do we implement? a) =sum(cell range) b) =sum(add the values) c) =add(cell range) d) =sum(add integers only)

e) None of these

Ans: A

=sum(cell

range) Example =sum(A1:A10).
Keyboard shortcut- Alt +=

33. The technology used in Bitcoin is \_\_\_ a) Blockchain b) Artificial Intelligence c) Machine Learning d) UPI e) RFID Ans: A Blockchain is the technology that enables the existence of cryptocurrency (among other things). Bitcoin is the name of the best-known cryptocurrency, the one for which blockchain technology, as we currently know it, was created.

34. Pokémon GO, the infamous game uses \_\_\_\_\_\_.

a) Core 3





- b) Dual Core
- c) Octal Core
- d) Augmented Reality
- e) Console

Ans: D

Pokémon Go (stylized as Pokémon GO) is a 2016 augmented reality (AR) mobile game, part of the Pokémon franchise, developed and published by Niantic in collaboration with Nintendo and The Pokémon Company for iOS and Android devices

- 35. The full form of ISA is?
- a) Information System Architecture
- b) Instruction Set Architecture
- c) Image System Augmentation
- d) International Study of Computer Architecture
- e) None of these

Ans: B

- 36. In an MS-Excel Worksheet. How many possible hyperlinks are possible?
- a) 65529
- b) 65531
- c) 65530
- d) 65535
- e) 75530

Ans: C

65530. The shortcut to add a hyperlink is Ctrl +

K

37. Show/hide Gridlines option is available in

the \_\_\_\_ menu in MS Excel 2019

- a) Home
- b) View
- c) Insert
- d) Format
- e) None of these

Ans: E

The Show/hide gridlines are available in Page Layout

38. Which of the following is a software program that is written to a hardware device? a) Ransomware b) Middleware c) Firmware d) All of these e) None of these

Ans: C

Firmware is a software program that is written to a hardware device. It allows the hardware to be updated. The contents are saved when a hardware device is turned off or loses its external power source.

- 39. Which one is a set of layered protocols used for communication over the Internet?
- a) Point to Point Protocol
- b) File Transfer Protocol
- c) Transmission Control Protocol
- d) All of these
- e) None of these

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Ans: C

The Transmission Control Protocol i.e. TCP/IP is for set of layered protocols used communication over the Internet.

40. When we perform certain operations on our document and click the close button without saving it, then\_\_\_\_ appears on the screen. a) Alert box b) Prompt box c) Dialog box

d) Command box e) None of these Ans: C A dialog box is a temporary window an application creates to retrieve user input. An application typically uses dialog boxes to prompt the user for additional information for menu items.