COMPUTER STUDIES THIRD TERM EXAMINATION 2024 2025

5TH GRADE   NAME [   ]

1. What is a computer virus?

   A) A physical component of a computer

   B) A type of software that protects computers

   C) A malicious program that replicates and spreads

   D) A tool used for data storage

2. Which of the following is NOT a type of computer virus?

   A) Trojan Horse

   B) Worm

   C) Firewall

   D) Ransomware

3. What does a Trojan Horse virus do?

   A) Encrypts files and demands payment

   B) Disguises itself as legitimate software to cause harm

   C) Replicates itself without user intervention

   D) Protects the computer from malware

4. Which virus spreads by attaching itself to executable files?

   A) Worm

   B) Boot Sector Virus

   C) File Infector Virus

   D) Spyware

5. What is the primary way computer viruses spread?

   A) Through physical contact with infected hardware

   B) By downloading infected files or clicking malicious links

   C) By overheating the computer processor

   D) Through antivirus software

6. What is the primary purpose of an antivirus program?

   A. To create viruses for testing purposes

   B. To detect, prevent, and remove malicious software from a computer system

   C. To increase the speed of internet connection

   D. To upgrade hardware components

7. How can users protect their computers from viruses?

   A. Avoid opening suspicious emails and attachments

   B. Regularly update their antivirus software and operating system

   C. Download files only from trusted sources

   D. All of the above

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8. What is a "Trojan horse" in the context of computer viruses?

   A. A virus that replicates itself rapidly

   B. A malicious program disguised as legitimate software to deceive users

   C. A hardware device that prevents viruses

   D. An antivirus tool

9. Why is computer viruses considered a threat to society?

   A. They can cause financial loss and data theft

   B. They can disrupt essential services and infrastructure

   C. They compromise personal privacy and security

   D. All of the above

10. What is the term used for a malicious software that spreads across networks without user intervention?

   A. Virus

   B. Worm

   C. Spyware

   D. Adware

11. Which action is NOT an effective way to prevent the spread of computer viruses?

   A. Installing and updating antivirus software regularly

   B. Sharing passwords with friends for convenience

   C. Avoiding clicking on suspicious links or attachments

   D. Backing up important data regularly

12. What should a user do if their computer is infected with a virus?

   A. Turn off the computer immediately and disconnect from the internet

   B. Run a full scan using trusted antivirus software

   C. Seek help from IT professionals if needed

   D. All of the above

13. Antivirus software can completely prevent all computer viruses. (True / False)

14. A worm is a type of virus that spreads without needing a host file. (True / False)

15. Phishing emails can be used to distribute malware. (True / False)

16. A ransomware virus locks files and demands payment to unlock them. (True / False)

17. Formatting a hard drive is the only way to remove a virus. (True / False)

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Match the correctly following flow charts symbols

Decision making
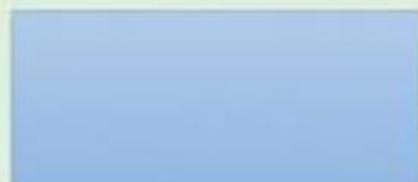
Data flow

Process/Action

Input /Output
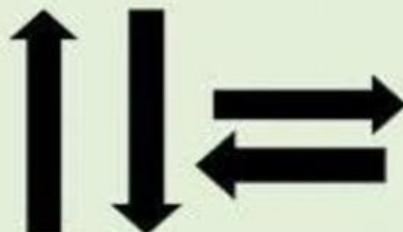
Start / End

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19. The general direction of flow in any flowchart is from left to right or _____
   A. Bottom to top   B. top to bottom   C. both (A) and (B)   D. left to right

20. A _____ is any mechanism in which a task is repeated many times.
   A. Flowchart   B. Graph   C. Loop   D. Pie Chart

21. A _____ is a variable which counts the number of times process is repeated.
   A. Table   B. Counter   C. Box   D. flow lines

22. An _____ is a step by step process to solve any problem.
   A. Algorithm   B. Flowchart   C. chart   D. Bar graph

23. A _____ is written in computer language.
   A. Programme   B. Flowchart   C. Algorithm   D. Binary

24. The first PC Virus was created in _____
   A. 1990   B. 1986   C. 1988   D. 2024

25. _____ was spread through e-mail and attached files
   A. E-mail Virus   B. File Virus   C. Internet Virus   D. All of the above

26. Melissa is an example of _____
   A. File Virus   B. E-mail Virus   C. Macro Virus   D. Female name

27. A _____ is a general purpose file that stores default document formatting settings.
   A. Macro   B. Template   C. Virus   D. Memory card

28. A _____ is a short code used in a programme to perform task repeatedly
   A. Macro   B. Virus   C. Design   D. machine language

29. You should install an _____ software to detect viruses in your system.
   A. Game   B. Antivirus   C. Song   D. Xender

30. A _____ is like a bridge between two networks.
   A. Firewall   B. Antivirus   C. Router   D. BlueTooth

31. What is MS Excel?
   A. Spreedsheet   B. Database management   C. Presentation   D. Workbook

32. In Microsoft Excel spreadsheets, rows are designated as _____
   A.1, 2, 3,…   B. A, B, C, …   C. A1, B1, C1,…   D. I, II, III,…

33. What do Excel formula start with?
   A. /   B. f   C. =   D. -

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Flowchart :-

Arrange the given statement in correct order and convert them in flowchart.

1. Brush your teeth.
2. Smile With clean teeth.
3. Take toothpaste and toothbrush.
4. Rinse your mouth with water.
5. Put paste on brush.
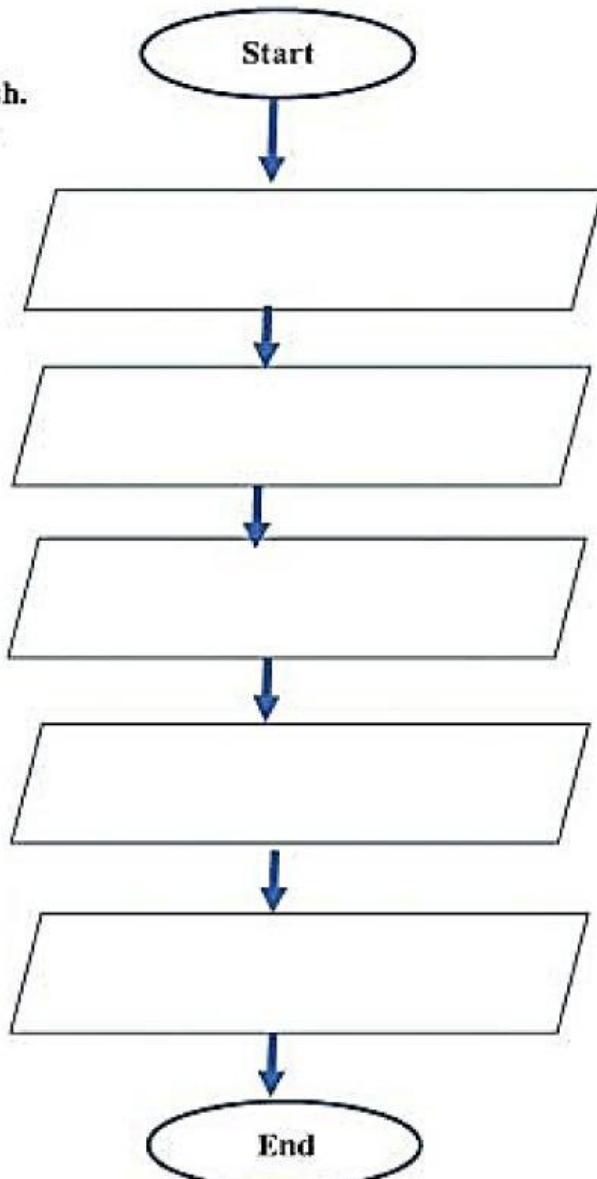
Start

End

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Fill in the blanks with the following words below:

Trojan Horse	Scan	Download	Antivirus

Update   Firewall   Internet

34. You should _____ Antivirus software regularly.

35. You should not _____ programme or files from insecure sites.

36. _____ the CDs and Pen drives before use.

37. Keep your _____ on.

38. A _____ is a programme that appears to be beneficial at first glance.

39. Norton and Kespersky are _____ software.

40. You should connect to _____ first before updating antivirus software.