STEM SCHOOL
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QUARTERLY EXAMINATION – 2024 – 2025

SUBJECT: COMPUTER

GRADE: VII

DATE: 25-09-2024 **TIME: 2 HOURS**

NAME OF THE STUDENT & SEC: _____ **MAX. MARKS: 100**

- *The time given at the head of this Paper is the time allowed for writing the answers.*
- *Attempt all questions.*
- *The intended marks for questions or parts of questions are given in brackets [ ]*

SECTION – A

(Answer all questions from the following)

Question:1

Choose the correct option. **20×1=20M**

1. _____ is a crime in which the victim is attached first and then demanded to pay money to stop further attacks. [ ]

   a. Defamation b. Cyber Extortion c. Key logger

2. An illegal intrusion into a computer system or network is known as _____. [ ]

   a. Citation b. Ethics c. Hacking

3. _____ programs are used to check the user's keystrokes and get important information, such as passwords. [ ]

   a. Key logger b. Defamation c. Cyber Extortion

4. _____is a global system of interconnected computer networks that enables the users to share the information. [ ]

   a. Spamming b. Internet c. Virus

5. _____ is an act of harming harassing, or targeting a person by another person using the Internet, in a deliberate manner. [ ]

   a. Cyberbullying b. Plagiarism c. Phishing

6. Stoned virus is a type of _____ virus. [ ]

   a. Network Virus b. Boot Sector c. Macro Virus

7. VIRUS stands for _____ [ ]

   a. Visual Information Reason Under Size

   b. Virtual information Reason Untitled Series

   c. Vital Information Resources Under Seize

8. _____ virus is considered to have made the biggest monetary loss in the world and Cyber security history. [ ]

   a. Marburg b. My Doom c. Tequila

9. The _____ Virus was first detected on ARPANET in the early 1970s. [ ]

a. Creeper Virus b. Program File Virus c. Macro Virus

10. Which virus is named after the wooden horse used by the Greek Army to conquer the city of Troy? [ ]

a. Dark Avenger b. Stoned Virus c. Trojan Horse

11. In the hexadecimal number system, the letters A – F represent digits _____ [ ]

a. 10 -- 16 b. 10 – 15 c. 9 – 15

12. The base of a binary number system is _____ [ ]

a. 10 b. 2 c. 8

13. Which number system consists of 10 digits? [ ]

a. Binary number system b. Decimal number system c. Octal number system

14. _____ is the inventor of the modern Binary number system. [ ]

a. Aryabhata b. Charles Babbage c. Gottfried Leibniz

15. A computer understands only _____ codes. [ ]

a. English b. Binary c. French

16. A Video card is also known as _____ [ ]

a. Graphic card b. Sound card c. Memory card

17. _____ memory is also known as volatile memory. [ ]

a. ROM b. RAM c. SMPS

18. VGA stands for _____ [ ]

a. Visual Graphic Accessor b. Video Graphic Aid c. Video Graphic Array

19. The External hardware components are also known as _____ [ ]

a. Peripherals b. panels c. chips

20. A pen drive is also known as _____ [ ]

a. Flash Drive b. CD drive c. Floppy drive

Question:2

Answer the following questions: **10×2=20M**

1. What is a number system?

2. Name some popular antivirus software's.

3. What is the base of binary number system? Which digits are used in it?

4. What are the Disadvantages of the Internet?

5. Describe the term spamming.

6. Ruby is surfing the internet to prepare for the Civil Service Examination. She wants to know whether the website she is referring to are secure or not. Suggest any two points that she should keep in mind while surfing.

7. What is a motherboard?
8 Write the full form for the following:

   a. SMPS b. BIOS

9. What is computer virus?
10. What is meant by Hacking?

SECTION – B

(Answer any FOUR of the following questions)

Question-3

1. What is meant by computer Ethics? Write three common ethical guidelines that should be followed while using a computer or the internet. **[5M]**
2. What is a mouse? Name different types of mouse. **[3M]**
3. What are the different ways to prevent a Virus Attack? **[4M]**
4. Convert the 452 decimal number into binary number. **[3M]**

Question-4

1. What is meant by Modem? Explain different types of modems. **[4M]**
2. Convert the following binary numbers into decimal numbers. **[5M]**

   a. 1 1. 1. 0. 0 b. 0 0 1 0 1

3. What are the different ways to spread virus and name different forms of Virus Attack? **[4M]**
4. What is meant by Phishing? **[2M]**

Question-5

1. Write any five safety measures while using computer and the Internet. **[5M]**
2. Write the steps to use an antivirus software to scan a system. **[5M]**
3. Add: 1. 1. 0. 1. 0 **[2M]**

   0. 1. 1. 1. 1

   _____

4. Write a short note about DVD and mention its types. **[3M]**

Question-6

1. What is the function of CPU and mention its main components? **[5M]**
2. What are the different types of number systems and mention its base? **[4M]**
3. Write the examples for the following: **[4M]**

   a. Network virus

   b. Boot Sector virus

   c. Macro virus

   d. Program file virus

4. Explain software piracy. **[2M]**

Question-7

1. Subtract the following: **[5M]**

   a. 1. 0. 1. 1. 1
      0. 1. 1. 1. 0
      _____

   b. 1. 1. 1. 0. 0
      1 0. 0. 0. 1
      _____

2. Write a short note on Monitor and mention some commonly used types of monitors. **[5M]**
3. Write some of the symptoms that indicate that the system is affected with virus. **[3M]**
4. What are digital footprints? **[2M]**

Question-8

1. Mention Two input, output & storage devices. **[3M]**
2. What is the difference between Impact and Non-impact printers? **[3M]**
3. Convert the following decimal number into binary number. **[3M]**
   a. 26
   b. 43
4. Which is the first known microcomputer viruses that spread outside the computer system? **[1M]**
5. Name some popular viruses. **[3M]**
6. What is Firewall? **[2M]**



ALL THE BEST