

MARTHOMA RESIDENTIAL SCHOOL, THIRUVALLA

STD: VII

Second Terminal Examination - 2019.
Computer

Time: 2hrs
Marks: 80

I Fill in the blanks

- 1) In order to block junk e-mails we must have
- 2) are dangerous people who cause harm to computer systems.
- 3) When the antivirus software runs in the background of your computer, it is called as
- 4) is a combination of hardware & software which protects a private network from viruses.
- 5) $0111_2 = \dots\dots\dots 10$.
- 6) is the number system that is used most commonly in digital systems.
- 7) is the positional value of F in $24FC_{16}$.
- 8) is a small black square at the bottom right corner of the active cell.
- 9) The Excel document area is commonly known as
- 10) $14_{10} = \dots\dots\dots 2$

(10)

II Name the following

- 1) The intersection of a row & column in Excel sheet.
- 2) A commonly used tab in MS Excel.
- 3) The button that is used to reverse the last action performed.
- 4) The key that is used to move around the Excel sheet.
- 5) The key that is used to enter data on a new line in a cell.
- 6) An antivirus software which can be freely downloaded.
- 7) Harmless computer enthusiast who play pranks.
- 8) The number system having base – 8.
- 9) The first virus.
- 10) The virus that steals office data from your father's laptop.

III Write true or false. Rewrite the sentence with correct answer.

- 1) A firewall can cause damage to your computer.
- 2) Melissa is an example of boot sector virus.
- 3) Macro virus gets loaded every time you start your computer.
- 4) Virus affects only the software.
- 5) The **LSB** in decimal number 2358 is 8.
- 6) 1 MB = 1024 GB.
- 7) Bytes can represent 254 distinct values.
- 8) 109_8 belongs to octal number system.
- 9) Ctrl + P is a keyboard shortcut for doing Paste operation.
- 10) All formulae should begin with an equal sign.

IV Convert the following decimal numbers to its binary equivalent.

1) 35.125

2) 98

V Convert the following binary numbers to its decimal equivalent.

1) 101010.101

2) 01101.11

VI Define the following terms

- 1) Virus 2)Worm 3)Malware 4)Cell address 5)Adware 6)Active cell

VII Write one difference between the given terms:

- 1) Program virus & Macro virus
- 2) Worksheet & Workbook
- 3) Undo button & Redo button

VIII Answer the following

- 1) What do you mean by Trojan horse in computer virus?
- 2) What do you mean by bit? How many bits make a nibble?
- 3) Write the steps for (1) resizing multiple columns.
(2) deleting a row.
(3) changing the text rotation.

4) Arrange the following numbers in ascending order

1) 1010, 0111, 1101, 0101

2) 0110, 0010, 1001, 0001

5) Write down the LSB and MSB of the following binary number 10100. What will happen when you interchange the LSB and MSB of the above number? (6)

6) Write the characteristics of hexadecimal number system? (3)

7) What do you mean by positional number system? (3)

8) Write down any four ways to protect your system from viruses? (4)

9) Write down the rules to be followed while using formulae ()