GREENLAWNS HIGH SCHOOL

FINAL EXAMINATION 2020-2021

COMPUTER SCIENCE (40 MARKS)

7<sup>th</sup> Std

TIME : 1 HOUR

- ALL THE ANSWERS ON THE COMPOSHEET
- NO NEED TO WRITE THE QUESTIONS. ONLY ANSWERS

SECTION A

1) FILL IN THE BLANKS : (6 MARKS)
   a) Full form of GIF is _____
   b) A number system represents _____ which in turn represents _____
   c) The two types of worms are _____ and _____
   d) A _____ is a network security system designed to prevent unauthorized access to or from a private network.
   e) The _____ tag is used to insert a scrolling area of text.
   f) _____ program is used to protect your computer from computer virus.

2) State whether True or False. If False than correct the underlined word (5 MARKS)
   a) Digits from 0 to 7 are used in <u>decimal</u> number system.
   b) The anchor tag is used to create a <u>list</u> in a HTML document.
   c) <u>ALT</u> attribute stands for "alternate text".
   d) We use <u>binary</u> number system in our day to day life.
   e) <u>Macro</u> Viruses are also called as Document Virus

3) Name the following : (6 MARKS)
   a) Full form of VIRUS
   b) Full form of PKI
   c) Any Two attributes of image tag
   d) Two phases of Virus Execution
   e) Example of Polymorphic Virus (any two)
   f) Worm that infected 75000 computers in ten minutes

4) Identify the number system : (3 MARKS)
   a) A986C3
   b) $754502_8$
   c) $965_{10}$

## SECTION B

I. Write about the harm caused by computer virus. (six points)     (3 MARKS)

II. What is the need of different number system ?     (2 MARKS)

III. Differentiate between Virus and Worm (2 points each)     (2 MARKS)

IV. What is ordered and unordered list in HTML ?     (2 MARKS)

V. Convert Binary number to decimal (Show the calculations)     (2 MARKS)

    i.    1111

    ii.    111000

VI. Explain Labour of Laziness and The photocopy     (2 MARKS)

VII. Define Plagiarism, Spy Sweeper and Phishing     (3 MARKS)

VIII. Convert decimal number to binary (Show the calculations)     (2 MARKS)

    i.    135

    ii.    92

IX. What can we predict about the decimal number by seeing the last digit of the binary number.

    (2 MARKS)