GREENLAWNS HIGH SCHOOL

FINAL EXAMINATION

COMPUTER SCIENCE

STD : 7 A,B,C   MARKS : 80

TIME : 2 HOURS

NOTE : DO NOT WRITE THE ANSWERS ON THE QUESTION PAPER. ALL THE ANSWERS TO BE WRITTEN ON THE ANSWER SCRIPT

I. FILL IN THE BLANKS :   (8 MARKS)
   a. The word _____ means the conduct of a person.
   b. The full form of BLOBS is _____
   c. The number of records in a table is called _____
   d. The full form of PKI is _____
   e. A _____ is a network security system designed to prevent unauthorized access to or from a private network.
   f. In Ms Access, _____ data type is used for larger text.
   g. The number of columns present in the table is called its _____
   h. The base of binary number system is _____

II. Identify the name of unethical practice :   (5 MARKS)
    Example : Embarrassing pictures : Cyberbullying
   a. Making a music composition which has a copied composition.
   b. Mean text messages or emails
   c. Sending unwanted bulk messages
   d. Illegal copying of a software
   e. Asking for credit card details

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III. State whether True or False. If False, rewrite the correct underlined word. (8 MARKS)

    a. We use the <u>Binary</u> number system in our day to day life.

    b. Each and every one of us is most likely a <u>digital</u> citizen.

    c. In Ms Access the maximum field size allowed is <u>245</u>

    d. The two types of <u>firewall</u> are hardware and software.

    e. In <u>Potluck paper</u>, the writer duplicates noteworthy bits of content straight from a solitary source, without modification.

    f. In Ms Access, the <u>Hyperlink</u> datatype is used for a list of options.

    g. There are other tabs on the Ribbon called the <u>Contextual</u> tabs.

    h. Make a habit of making <u>an Autobiography</u> at the end of your assignments.

IV. Name the following :

    a. Three DBMS Softwares   (3 MARKS)

    b. Two Antivirus Softwares   (2 MARKS)

    c. Two Biometric Traits   (2 MARKS)

V. Identify the Number System :   (4 MARKS)

    a. 98

    b. A456F

    c. 101_2

    d. 73_8

VI. Define   (10 MARKS)

    a. Forms

    b. Fields

    c. Ethical hacking

    d. Queries

    e. Navigation Pane

f. Reports

g. Record

h. Database

i. Alternate key

j. Number System

VII. Answer the following :

   a. What are the three parameters to determine the value of the number ? (3 MARKS)

   b. Why is it important to prevent software piracy ? (Any 3 points) (3 MARKS)

   c. What is a digital certificate and a patent ? (2 MARKS)

   d. What is the use of Datasheet View and Design View ? (2 MARKS)

   e. Write any three uses of primary key. (3 MARKS)

   f. What does the base of a number system represent ? What is base of hexadecimal number system and which digits it consists of ? (3 MARKS)

   g. What are the two pre-requisites of a primary key ? (2 MARKS)

   h. Explain :

      i. Data Encryption (2 MARKS)

      ii. Advantages of DBMS (w.r.t updates and redundancy) (4 MARKS)

VIII. Differentiate between : (8 MARKS)
      (All the answers w.r.t definitions and one point each)

   a. Passive digital footprint and Active Digital footprint

   b. Primary key and Candidate key

   c. Labour of Laziness and Self Stealer

   d. Copyright and Trademark

IX. Conversions :   (6 MARKS)
    a. Convert the following Decimal numbers to Binary numbers :
       i.   79
       ii. 63
       iii. 98
    b. Convert the following Binary numbers to Decimal numbers :
       i.   100101
       ii. 111011
       iii. 11100

@@@@@@@ ALL THE BEST@@@@@@@