**Green Society Public School**

**Ratnanagar-7, Sauraha, Chitwan**

**Second Achievement Test-2081**

**Class: Six Time: 20 mins. F.M.: 10**

**Sub: Computer P.M.: 04**

**1. Very short answer questions. [2×1=2]**

a. What is the full form of ATM?

b. Define antivirus.

**2. Short answer questions. [2×2=4]**

a. List any two preventive measures from viruses.

b. List the difference between data and information.

**3. Long answer question. [4×1=4]**

a. What is computer ethics? List any three computer ethics that a user has to follow.

**The End**

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**Class: Seven Time: 20 mins. F.M.: 10**

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a. What is cyber ethics?

b. Write the full form of USB.

**2. Short answer questions. [2×2=4]**

a. List any two commandments of computer ethics.

b. List any two symptoms of computer virus.

**3. Long answer question. [4×1=4]**

a. List any four preventive measures from computer virus.

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**Second Achievement Test-2081**

**Class: Eight Time: 20 mins. F.M.: 10**

**Sub: Computer P.M.: 04**

**1. Very short answer questions. [2×1=2]**

a. Give one example of ICT in health sector.

b. When was cyber law of Nepal revised?

**2. Short answer questions. [2×2=4]**

a. List difference between hacking and cracking.

b. Why cyber law necessary for Nepal?

**3. Long answer question. [4×1=4]**

a. Explain any four common types of viruses.

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**Second Achievement Test-2081**

**Class: Nine Time: 40 mins. F.M.: 20**

**Sub: Computer P.M.: 08**

**1. Very short answer questions. [4×1=4]**

a. Write the full form of FORTRAIN.

b. What is the suitable flowcharting symbol to compare numbers and take decision?

c. What is QBASIC programming language?

d. Convert (a+b)2÷n to QBASIC statement.

**2. Short answer questions. [4×2=8]**

a. List any four common high level programming language.

b. Write algorithm to square of inputted number.

c. Write two features of QBASIC language.

d. Mentioned the rule for naming a variable.

**3. Long answer question. [2×4=8]**

a. Explain PDC.

b. WAP to reverse a number and check palindrome.

**The End**

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**Second Achievement Test-2081**

**Class: Ten Time: 40 mins. F.M.: 20**

**Sub: Computer P.M.: 08**

1. Write a program in C language that asks for a number and checks whether a number is positive, negative, or zero. [4]

**2. Study the following program and answer the given questions:**

**[2]**

DECLARE FUNCTION SUM (N)

ClS

Input "Enter any number"; N

X = SUM(N)

Print "The sum of individual digit is"; X

End

Function SUM (N)

While N <> 0

R = N Mod 10

S = S + R

N = Int(N / 10)

Wend

SUM = S

End Function

a. What is the function of INT?

b. How many does while … Wend loop repeat if the value of N is 123?

**3. Write down the output of the given program. Show with dry run in table. [2]**

DECLARE SUB SHOW (A)

CLS

N = 87

CALL SHOW (N)

END

SUB SHOW (A)

DO

B = A MOD 6 + 3

IF B MOD 4 = 0 THEN

GOTO AA

PRINT B;

AA:

A = A - 10

LOOP WHILE A >= 50

END SUB

**4. Re-write the given program after correcting the bugs: [2]**

REM to add record in an existing file

CLS

OPEN “Record.Dat” FOR OUTPUT AS #1

AA:

INPUT “Enter Name, Class and Roll No. “; Nm$, Cl, Rn

INPUT #2, Nm$, Cl, Rn

INPUT “More records “; Y$

IF UCASE$(Y$) = “Y” THEN

GOTO aa

CLOSE “Record.dat”

END

5. Write a program in QBASIC that asks length, breadth and height of room and calculates its area and volume. Create a user-defined function to calculate area and sub-program to calculate volume. Hint: [A = L×B], [V = L×B×H]. [4]

6. A sequential data file called “Record.txt” has stored data under the field heading Roll No., Name, Gender, English, Nepali, Maths and Computer. Write a program to display all the information of those students whose gender is ‘F' and obtained marks in computer is more than 90. [4]

**7. Write the full form of the following: [2×1=2]**

i. STP ii. WAP

**The End**