**Second Terminal Examination - 2079**

**Class:- 7 Time:- 1:30 hrs. F.M:- 50**

**Subject:- Computer Science** **P.M:- 16**

* **Read the instruction carefully before answering the questions.**
* **Copy questions for 2, 3, 4 and 7.**
* **Answer in sequence.**

**Group: A [Fundamental of Computer =22]**

1. **Write Answer the following question. [5 X 2=10]**
2. What is an Abacus? When was it developed?
3. Write any main two features of Third generation computer.
4. What is Multimedia? Write its component.
5. List any two basic functions of operating system software.
6. What is Hybrid computer? Write its examples.
7. **Write down the full form of:- [4 X 0.5=2]**
8. ASCC ii. IBM iii. IC iv. VLSI
9. **State whether the following statements are True or False. [4 X 0.5=2]**
10. Abacus was known as father of computer.
11. The fourth generation computers are based on Microprocessors.
12. Multimedia enhances the information for better communication and understanding.
13. System software does not provide environment to run application software.
14. **Fill in the blanks. [4 X 0.5=2]**
15. ………………… is known as the first programmer of the world.
16. Analog computers are ………………….. purpose computers.
17. ……………….. converts whole programs written in high level language into machine language.
18. William Oughred invented …………………
19. **a) Convert the following as indicated: [3 X 1=3]**

i) (576)8 into Binary i) (1110011)2 into Decimal iii) (656)8 into Decimal

**b) Perform the following binary calculation. [3 X 1=3]**

i)(100111)2 + (1011)2 ii)(1101)2 - (1100)2 iii)(110)2 x (101)2

**Group: B [Word Processing =5]**

1. **Write short answer to the following questions. [3 x 1 =3]**

a)What is text Alignment? b) What is pagination?

c) What is word processing?

1. **Match the following. [4 x 0.5=2]**

F1 paste

Ctrl + I Save

Ctrl + V Help

Ctrl + S Print

Italic

**Group: C [SpreadSheet = 5]**

1. **Write short answer to the following questions. [3 x 1 =3]**

a) Write any two features of spreadsheet program? b) What is worksheet?

c) What is a cell?

1. **Write down the formula for calculating total, percentage for following worksheet. (No need to draw figure). [2 x 1 =2]**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **A** | **B** | **C** | **D** | | **E** | **F** | **G** | **H** | **I** |
| **2** | **Shree Adarsha Higher Secondary School** | | | | | | | | | |
| **3** | **Sanothimi, Bhaktpur-9** | | | | | | | | | |
| **4** | **Name** | **Nepali** | **Computer** | | **Social** | **English** | **Math** | **Science** | **Total** | **percentage** |
| **5** | **Gopal Dahal** | **75** | **85** | | **56** | **69** | **80** | **75** | **?** | **?** |
| **6** | **Sita Basnet** | **65** | **78** | | **75** | **45** | **65** | **52** | **?** | **?** |
| **7** |  |  |  | |  |  |  |  |  |  |

**Group: D [Programming Concept =18]**

1. **[3 X 1=3]**
2. Write any two rules of naming variable.
3. Draw a truth table of AND operator.
4. Draw symbols of flowchart and name of them.
5. **Debug the following program. [2]**

CLS

LET LENGHT = 10M

LET BREADTH = 8M

PERI=2\*(L+B)

PRINT “circumference of circle=”; PERIMETER

END

1. **Write an algorithm to find out the simple Interest. [2]**
2. **Draw a flowchart to calculate the area of circle. [2]**
3. **WAP that ask the user length and breadth and display its area of rectangle. [3]**
4. **WAP to calculate and display simple interest if a person has deposited Rs.22,500 in a bank for 3 years at the rate of 10%. [3]**
5. **WAP that ask the user length in meter and displays it in kilometer. [3]**

**Best of Luck**