GYAN NIKETAN
SECONDARY ENGLISH SCHOOL
Shankhamool, Kathmandu

Class: IX **Third Unit Test – 2082** **F.M: 20**
Subject: Computer Science **P.M: 08**

Attempt all the questions and answer in your own words.

1. **Answer the questions.** **[4 x 2 = 8]**

   a. What is python? List any two features of python.

   b. What is string formatting? List two common string formatting types with example.

   c. What are datatypes in python? List four most used datatypes.

   d. Define List and Dictionary data type.

2. **Write all the following programs in python.** **[4 x 3 = 12]**

   a. Write a program to display all items (both keys and values) of any python dictionary.

   b. Create a list of 5 friends' names. Ask a user to input the name of any friend. If the user entered name is in that friend's list then display that entered name, otherwise display sorry entered name not found.

   c. Write a program in python to find the first 10 even numbers using a for loop.

   d. Write a program to find the sum of digits of an entered number using a while loop.

**** Best of Luck!! ****