Name :- Jinesh N
Panel I ; Roll No :- 07
Batch :- II

classmate
Date
Page

Assignment - 01

* **Problem Statement :-**
Introduction to basic python commands.

* **Aim :-**
To learn the basics of python programming language and understand fundamental syntax and semantics of Python Programming.

* **Objectives:-**
1. To learn the basics of the Python Programming language.
2. To learn the variable declaration, user input and output of Python.

* **Input :-**
1. Integer variables :- 7, 8
2. Student Name :- Jinesh
   Roll No :- 21
   Marks 1 :- 20
   Marks 2 :- 30
   Marks 3 :- 40
3. Enter No :- 07
4. Enter No. 1 :- 2
   Enter No. 2 :- 3
   Enter No. 3 :- 4
   Enter No 4 :- 5
5. ~~Enter No :- 6~~ Enter No 5 :- 6

* **Output :-**
  1. Addition :- 15
     Subtraction :- 1
     Multiplication :- 56
     Power :- 5764 801
     Division :- 1.142
     Comparison :- 8 is greater

  2. Percentage :- 30 %
     Highest marks :- 40
     lowest marks :- 20

  3. 07 is odd

  4. 8, 27, 64, 125, 216

* **FAQ's :-**

Q1. What are the features of Python Programming language?

→ Python is a versatile and powerful Programming language known for its simplicity and readability.

(i) Python's syntax is easy to learn and understand. It's readability allows coders to write code more effeciently.

(ii) Python allows developers to express code in fewer lines compared to C, C++ or Java.

(iii) Python is designed to cross platform, allowing developers to develop code than can run on different operating systems.

(iv) Python is an interpreted language, ie, the code is executed line by line.

Q.2 Explain print() statement of Python language.
→ • The 'print()' function in Python is used to
output text or data to the console.
• It can take multiple argument and
concatenate them for output.
Eg: print (" Hello World")

Q.3. How to write single line and multi-line comments
in python programming language?
→ • Single line comments start with the '#'
Eg: # This is a single line comment
• Multi-line comments can be enclosed in
triple - quotes.
Eg: '''
              This is a
              multi- line
              comment.
              '''

Q.4. Explain with example how to read user input
through keyboard (strings, integer, float, single as
well as multiple values through single input
statement).
→ Eg: input = input (" Enter your name : ")
            num =   int (input ("Enter roll.no : ")
            float = float (input (" Enter %.tage : ")

        a,b = map (int , input ("Enter 2 integers : ")). split()