Name: _____ Class & Sec: _____ Roll No. _____ Date: __.12.2020

Lesson 9: Introduction to Python

Worksheet 5: Answer in one word/sentence.

Q. 1.   Which escape character is used for representing Tab stops?

Ans.   \t

Q. 2.   Which escape character is used for a New line character?

Ans.   \n

Q. 3.   Write syntax of the int() function.

Ans.   int(value, base)

Q. 4.   Why do we say that Python can be used as calculator in the shell mode?

Ans.   Due to mathematic operators, variables, conditional, functions etc. we can say python can used as calculator.

Q. 5.   Write one feature of python which makes it preferable over other languages.

Ans.   Python has few keywords, simple structure and a clearly defined syntax.

Q. 6.   For which two purposes python is used?

Ans.   Web programming and Desktop applications.

Q. 7.   What does print() function do?

Ans.   The print () function prints the given object to the standard output device.

Q. 8.   Who created python language?

Ans.   Guido Van Rossum.

Worksheet 6: Answer the following:

Q. 1.   Define python?

Ans.   Python is a scripting language, It can be used for web programming and for desktop applications.

Q. 2.   Define data types in python?

Ans.   Data type means the type of data stored in a variable. Each language has its own data types store data in a variable. Python also has many data types int, float, str etc.

Q. 3.   Write some applications of the python language in the contemporary world.

Ans.   i.   The popular YouTube video sharing service is largely written in Python.

ii.   Robot uses Python to develop commercial and military robotic device.

iii.   Google makes extensive use of Python in its web search system.

Q. 4.   Write rules to name a variable.

Ans.   a.   The name of the variable can only begin with a letter (a-z, A-Z) or an underscore(_).

b.   All variable names are case- sensitive.

c.   Variable names cannot contain punctuations characters like (&,%,*,") etc.

Q. 5.   Define "\t" and "\n"?

Ans.   These are special characters represented by a backlash followed by the character(s), and they are used for special purpose. Till now we have seen comma(,) as separator. Now we see how New line character ("\n") and tab space("\t") will affects the output.

Q. 6.   How will you change an entered value using the input() function into the integer type?

Ans.   The int() function converts the specified value into an integer number

Ex. A=int(input("enter value="))

Print(a)

Output will be: Enter Value= 50

50