**D.A.V. Centenary Public School, Chander Nagar**

**Class**: XI **Unit Test**-1 **M.M**:30

Note: All questions are compulsory

Programming Language is Python.

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| Q1 | A | Write any four data types used in Python. | 1 |
|  | B | What is syntax error ? Explain with some suitable example | 2 |
|  | C | Find out the valid and invalid identifier in the following list  RollNo. , Simple interest, sum$, vishank, #myname , rakesh, employee@dav , 123India | 2 |
|  | D | Convert the following into python expressions   1. Volume ii ) 2. iv) result = | 4 |
|  | E | Write shortcut command to open a run any python script in python IDLE | 1 |
| Q2 | A | Find out the syntax error(s) in the following program segment and also write its correct version  a=int(input("Enter a number: "))  c==1  for b in range (a,a\*10.0,a)  c=\*b  print(a,b,c) | 2 |
|  | B | Find out the output of the following program segment  N,M = 23056,0  while(N!=0):  M+=N%10  N = N//10  print(“Value of M :”,m) | 2 |
|  | C | Perform the following in Python   1. Write for loop to print first 100 odd numbers 2. Write expression to check whether number is completely divisible by 3 3. To check the product of x and y is greater than sum of yand z 4. To check num1 and mum2 both are multiple of 5 | 4 |
|  | D | Find out order of evaluation of the following expressions   1. A>b + -c\*-d and a+c - b < c+a 2. b==a/2 >b\*\*2\*c-e+f | 2 |
| Q3 | A | Write a Python script to read age of a person from keyboard. IF the entered age is more than 18 years than display a message “ You are eligible for voting” otherwise display “Please wait till 18 years” | 3 |
|  | B | Write a script to input three numbers from keyboard and find the lowest number of these numbers from these numbers and print it on the screen. | 3 |
|  | C | Write a python Script to read marks obtained by a student in three different subjects. Calculate Total marks and average marks of these entered marks. Display whole data on the screen. | 4 |