

Dwarka International School
Class –XI Subject:
Computer Science
SAMPLE PAPER

MM: 70

Time: 3 Hours

Q 1. Find and write the o/p. (2)

```
A=[1,3,5,7,8,9]
```

```
print(A[3:0:-1])
```

Q2. Find o/p of the following python code: (2)

```
a,b,c=10,12,15
```

```
b%=a
```

```
a**=b
```

```
X=a//b+c%b+b**2
```

```
print(a,b,c,sep='`:')
```

Q3. Find o/p of the following python code: (3)

```
x,x = 4,7
```

```
y,y = x+7,x-7
```

```
x,y=y-x,x+y
```

```
Print(x,y)
```

Q4. Rewrite the output after removing all the error: (3)

```
S=` pura vida`
```

```
S1=S[:5]
```

```
S2=S[5:]
```

```
S3=S1*S2
```

```
S4=S2+'3'
```

```
S5=S1+3
```

Q5. Predict and write the output : (3)

```
L=[`p` ,`r`,`o`,`b`,`l`,`e`,`m`]
```

```
L[2:3]=[]
```

```
Print(L)
```

```
L[2:5]=[]
```

```
Print(L)
```

Q6. Which of the following are valid identifiers: (3)

1. File.dat
2. For
3. _if
4. Elif

Q7. Find and write the o/p (4)

```
X=["F",66,"QE",15,"S",34]
```

```
Y=0
```

```
Z=""
```

```
A=0
```

```
For c in range(1,6,2)
```

```
    Y+=c
```

```
    Z=Z+X[c-1]+'$'
```

```
    A+=X[c]
```

```
Print(x,y,z)
```

Q8. Write down the program in python to sort a 3-item list . (4)

Q9. Write a python script to print following. (4)

```
*****
```

```
***
```

```
**
```

```
*
```

Q10. Write a program that inputs two list and creates a third , that contains all elements of the first, Followed by all elements of the second. (4)

Q11. Write a program that rotates a list so that 1st element moves to 2nd index and so on . The item at last index comes at first index . (4)

Q12. Write a program to count the number of elements in a list . (4)

Q13. Explain computer organization with the help of a block diagram (6)

Q14. Explain various data types with suitable examples (6)

Q15. Write a program to read a line and print following statistics :. (6)

- No. of uppercase characters
- No. of lowercase characters
- No. of alphabets
- No. of digits

Q16. a) Draw the all symbol of flow chart. (6)

b) Write all arithmetic operator with example.

c) What is difference between compiler and interpreter.

Q17. Write a program to read a string with multiple words and then capitalizes the first letter of each word. (6)