



## D.A.V. PUBLIC SCHOOL, NEW PANVEL

SAMPLE PAPER FOREXAMINATION 2025-2026

STD: - XII

Sub: - Computer Science

Date: -

Time: - 2 Hours

Max. Marks: -50

### General Instructions:

1. This question paper contains five sections, Section A to E.
2. All questions are compulsory.
3. Section A have 16 questions carrying 01 mark each.
4. Section B has 06 Very Short Answer type questions carrying 02 marks each.
5. Section C has 03 Short Answer type questions carrying 03 marks each.
6. Section D has 01 Long Answer type questions carrying 05 marks each.
7. Section E has 02 questions carrying 04 marks each.
8. All programming questions are to be answered using Python Language only.

Q. No.	Section-A	
1.	Find the valid identifiers from the following : a) Myname      b) My name      c) True      d) Myname_2	1
2.	Find the invalid identifiers from the following a) def      b) For      c) _bonus      d) 2_Name	1
3.	Name the Python Library modules which need to be imported to invoke the following functions: (i) ceil()      (ii) randrange()	1
4.	<b>Identify the valid and invalid identifiers names:</b> Emp-Code, _bonus, While, SrNo. , for, #count, Emp1, 123Go, Bond007	1
5.	Name the Python Library modules which need to be imported to invoke the following functions: (i) ceil()      (ii) randrange()	1
6.	Given the lists Lst=["P","Y","T","H","O","N"] , write the output of: print(Lst[2:4])	1
7.	Uma was working on application where he wanted to divide the two number (A and B) he has written the expression as C = A/B, on execution he entered 20 and 3 and expected answer was 4 i.e. only integer part not in decimal, but the answer was 6.66 approx, help Uma to correct his expression and achieving the desired output. <b>Correct Expression : ____</b>	1
8.	<b>What is the size of each string?</b> (i) „Python“ (ii) „Learning@\\nCS“ (iii) „\\table“	1
9.	<b>Output of :</b> print(“Ok”*4 + “Done”)	1
10.	What is the difference between List and Tuple?	1
11.	The order of execution of the statements in a program is known as _____	1
12.	The ____ statement is used for selection or decision making.	1

13.	Write 2 advantages and disadvantages of Python programming language	1
14.	The below given expression will evaluate to 22//5+2**2**3%5. (a)5 (b) 10 (c) 15 (d) 20	1
	Q15 and 16 are ASSERTION AND REASONING based questions. Mark the correct choice as (a) Both A and R are true and R is the correct explanation for A (b) Both A and R are true and R is not the correct explanation for A (c) A is True but R is False (d) A is false but R is True	
15.	Assertion (A):- Python allows function arguments to have default values; if the function is called without the argument, the argument gets its default value. Reasoning (R):- During a function call, the argument list first contains default argument(s) followed by positional argument(s).	1
16.	Assertion (A):- Dictionaries are mutable. Reason (R):- Individual elements can be changed in dictionary in place.	1
	<b><u>Section-B</u></b>	
17.	<b>Identify the type of literals for each:</b> (i) 123 (ii) "Hello" (iii) ("Bye\nSee You" (iv) "A" (v) 345.55 (vi) 10+4j (vii) 0x12	2
18.	Write a program to enter temperature in Fahrenheit and convert it in Celsius <b>OR</b> What is ordered and unordered collection? Give example of each?	2
19.	Write a program to enter any money and find out number of denominations can be used to make that money. For e.g. if the money entered is 2560 Then output should be 2000 = 1 500 = 1 200 = 0 100 = 0 50 = 1 20 = 0 10 = 1 5 = 0 2 = 0 1 = 0 Hint : use % and // operator (Without Loop / Recursion)	2
20.	What is the difference between List and Tuple?	2
21.	(A) Explain the following: (i) token (ii) data (B) What is the use of variable?	2
22.	<b>Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.</b> 30=To for K in range(0,To) IF k%4==0: print(K*4) Else: print (K+3)	2
	<b><u>Section-C</u></b>	

23.	WAP to take two numbers and check that the first number is fully divisible by second number or not.  OR WAP a program to generate a list of elements of Fibonacci Series.	3
24.	Draw an algorithm and flow chart of simple interest and compound interest.	3
25.	What are DDL and DML? Explain with the help of commands.	3
	<b><u>SECTION –D</u></b>	
26.	<b>What will be the difference in output</b> (i) <pre>for i in range(1,10):     if i % 4 == 0:         break     print(i)</pre> (ii) <pre>for i in range(1,10):     if i % 4 == 0:         continue     print(i)</pre> (B) Rewrite the following Python program after removing all the syntactical errors (if any), underlining each correction: <pre>x = input("Enter a number") if x % 2 =0:     print (x, "is even") elseif x&lt;0:     print (x, should be positive) else;     print (x, "is odd") ans. x = int(input("Enter a number: ")) if x % 2 == 0:     print(x, "is even") elif x &lt; 0:     print(x, "should be positive") else:     print(x, "is odd")</pre>	2+3
	<b><u>SECTION E</u></b>	
27.	Write a Python program to count the number of even and odd numbers from a series of numbers 5 to 100.	4
28.	Which of the following are syntactically correct strings? State reason. (A) "Python is nice Language"                      (B) „He called me “Friend!” when he came” (C) “Very Good”    (D) „This is a good book” (E) “Namaste    (F) “I liked „Harry Potter” very much”	4

