

O. P. JINDAL SCHOOL, SAVITRI NAGAR
Periodic Test - II (2023 – 2024)

Class : XI
Subject: Computer Science (083)

MM: 20
Time: 1 Hr.

General Instructions: All questions are compulsory.

1. Question Paper contains 15 Questions.
 2. Questions 01-05 in Section-A are MCQ type answers each carrying 1 Mark.
 3. Questions 06-10 in Section-B are very short type answers each carrying 1 Mark.
 4. Questions 11-15 in Section-C are short type answers each carrying 2 Marks.
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Section-A

Q1. What is the output of the following string operation? (1)

```
Str="My roll no. is 12")  
print(str.isalnum())
```

- a. True b. No output c. False d. Error

Q2. Choose the correct function to get the character from ASCII number. (1)

- a. ascii(number) b. char(number) c. chr(number) d. All of these

Q3. The output of a two-input OR gate is high when

- a. both inputs are low b. both inputs are high
c. any one input is high d. any one inputs is low

Q4. What will be the output of the following. (1)

```
l=[None]*10  
print(len(l))
```

- a. 10 b. 0 c. Syntax Error d. None

Q5. To find the last element of list namely "smiles" in python, _____ will be used. (1)

- a. smiles[0] b. smiles[-1] c. smiles[pos] d. smiles[:-1]

Section-B

- Q6. What is the difference between partition() & split() function. (1)
- Q7. Write at least any four built-in functions of List. (1)
- Q8. What do you mean by Absorption law? Write it's both the laws. (1)
- Q9. Which function you will use to check the string consist both alphabets as well as numbers. (1)
- Q10. Consider the following string st: (1)
St="string slicing"
- i) St[-9:-3]
 - ii) St[: 3:]

Section-C

- Q11. Write the most appropriate list method to perform the following tasks. (2)
- i) Delete a given element from the list.
 - ii) Add elements of a list in the end of a list.
- Q12. Write a program to input a string & print each individual word of it along with its length. (2)
- Q13. Write the output of the following. (2)
St="String Slicing in Python"
- a) print(St[-6:-9:-3])
 - b) print([St[2:16:3]])
 - c) print([St[-17:-1:-1]])
 - d) print([St[2:-14:2]])
- Q14. What is eval() function & nested list. Explain & write example also. (2)
- Q15. Write a program to search for an element in a given list of numbers. (2)