



I. Choose The Correct Answer:

[8 x 1 = 8]

1. Which function is called anonymous un-named function

- (a) Lambda (b) Recursion (c) Function (d) define

2. While defining a function which of the following symbol is used.

- (a) ; (semicolon) (b) . (dot) (c) : (colon) (d) \$ (dollar)

3. What will be the output of the following code?

```
str1 = "Chennai Schools"
```

```
str1[7] = "-"
```

- (a) Chennai-Schools (b) Chenna-School (c) Type error (d) Chennai

4. Which of the following is used as placeholders or replacement fields which get replaced along with format() function?

- (a) { } (b) < > (c) ++ (d) ^^

5. Let list1=[2,4,6,8,10], then print(List1[-2]) will result in

- (a) 10 (b) 8 (c) 4 (d) 6

6. What is the use of type() function in python?

- (a) To create a Tuple (b) To know the type of an element in tuple.
(c) To know the data type of python object. (d) To create a list

7. Which of the following method is automatically executed when an object is created?

- (a) __object__() (b) __del__() (c) __func__() (d) __init__()

8. Which of the following is an RDBMS?

- a) Dbase b) Foxpro c) Microsoft Access d) SQLite

II. Answer any 5 of the following questions:**[5 x 2 = 10]**

9. What is the difference between Hierarchical and Network data model?
10. What is instantiation?
11. What is List in Python?
12. How will you delete a string in Python?
13. How to set the limit for recursive function? Give an example.
14. What will be the output of the following python code?

```
str1 = "School"  
  
print(str1*3)
```

III. Answer any 4 of the following questions:**[4 x 3 = 12]**

15. Write a Python code to check whether a given year is leap year or not
16. Write a short about the followings with suitable example:
 - (a) capitalize()
 - (b) swapcase()
17. Write a shot note about sort().
18. Write a class with two private class variables and print the sum using a method.
19. What is the role of DBA?

IV. Answer any 4 of the following questions:**[4 x 5 = 20]**

20. Explain the scope of variables with an example.
21. Explain about string operators in python with suitable example.
22. What the different ways to insert an element in a list. Explain with suitable example
23. Write a menu driven program to add or delete stationary items. You should use dictionary to store items and the brand.
24. Explain the different types of data model.

-----ALL THE BEST-----