

TB245885Z

Reg. No :.....

Name :.....

BACHELOR'S DEGREE (C.B.C.S.) EXAMINATION, FEBRUARY 2024  
2021 ADMISSIONS SUPPLEMENTARY (SAY)  
SEMESTER V - SKILL B. Voc. Software Development  
VSD5S07B18 - Python Programming

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. Explain reserved words in Python. Write any two reserved words.
2. List any two Python implementations.
3. a) Explain the syntax of print in Python? b) Write a python program to print hello world.
4. Which operator has highest priority over all other operators in Python?
5. Explain a) concatenation b) repetition operations with example.
6. Differentiate between division and floor division in Python.
7. Write a program to split the string "12-09-2022" and display the output.
8. What do you mean by a slice of a string?
9. Describe the method to create an empty dictionary and how to add elements to it.
10. Define list comprehension. Write down its syntax.
11. State the differences between 'a' mode and 'w' modes in python.
12. List the methods to find the members of a Module in Python.

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. What are the pros and cons of script mode?
14. What are the rules to define identifier in python. Explain with examples.
15. a) Write down the syntax to get user input from keyboard in Python. b) Write a program to find the sum of two integers a and b and print the sum.
16. Describe lambda function. Write a program to double each item in a list using lambda function.
17. Explain about control flow statements in Python.
18. Explain any five functions to change the case of a string.
19. Explain split() and join() functions in List with example.
20. Write a program to enter name and percentage marks in a dictionary and display the details in the screen.
21. 109. Write a short note on Python Module. Write the different possibilities of implementing a module in Python. Explain the output of the given python program. Test.py X=67 def add(a,b): print("The sum:",a+b) def Product(a,b): print("Product:",a\*b) from Test import add,X print(X) add(40,60) Product(10,2)



### Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Explain fundamental data type vs immutability. What are the immutable data types in python. Explain
23. Explain about operators in Python and operator precedence.
24. Write any string program to illustrate various string functions. Explain each string functions.
25. Explain a) Nested List b) List Comprehension c) Any five functions to manipulate the elements from the List with example.

