

THIRD SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2024
(Regular/Improvement/Supplementary)
B.Sc. COMPUTER SCIENCE / BCA
GBCS3A01T: PYTHON PROGRAMMING

Time: 2 ½ Hours

Maximum Marks: 80

SECTION A: Answer the following questions. Each carries *two* marks.
(Ceiling 25 marks)

1. Comment on append() function.
2. What is the use of reverse() function?
3. Which operator is called Slicing operator?
4. Write down the output of the program
for s in range(-5,0):
print(s)
5. Write the syntax of if elif else statement.
6. What is the use of sqrt()?
7. Comment on Infinite loop.
8. What is the use of end parameter in print() function?
9. Comment on IDLE.
10. What are the three ways we can call range() function in python?
11. What is the use of abs()?
12. 'Python is integrated by Nature'. Do you agree? Comment.
13. List out the data types.
14. Mention the use of global keyword.
15. Comment on the application of get() function.

SECTION B: Answer the following questions. Each carries *five* marks.
(Ceiling 35 marks)

16. List and describe the different ways to access the elements of a tuple.
17. How to remove elements from a set? Explain.
18. Explain comparison operators.
19. Describe type() function with example.
20. Write a note on while loop with else using suitable example.
21. Give an account on break and continue statements with an example.
22. Explain function arguments with an example.
23. How to change a global variable from inside a function? Explain.

SECTION C: Answer any *two* questions. Each carries *ten* marks.

24. Discuss various applications of Python Programming.
25. Explain different decision making statements in Python.
26. Briefly explain the functions in python with an example.
27. Explain different list operations in python.

(2 x 10 = 20 Marks)