

21U334

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Name:

Reg.No:

THIRD SEMESTER B.Sc./B.C.A. DEGREE EXAMINATION, NOVEMBER 2022

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U BCS3 A11A / CC19U BCA3 A11A - PYTHON PROGRAMMING

(Computer Science / Computer Application - Common Course)

(2019 Admission onwards)

Time : 2.5 Hours

Maximum : 80 Marks

Credit : 4

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Explain the importance of Python.
2. Expand and define IDLE.
3. Explain Python comments.
4. What are the precedence levels of arithmetic operators?
5. Explain type function with example.
6. Explain input method .
7. Write a python program to print "Hello----world".
8. What is a boolean expression?
9. Write short note on continue statement.
10. Define nested loop.
11. Define lambda function.
12. Define time class.
13. Explain default parameters.
14. Explain calling of a function.
15. What are the operations performed in sets in python?

(Ceiling: 25 Marks)

Part B (Paragraph questions)

Answer *all* questions. Each question carries 5 marks.

16. Explain arithmetic and logic operators in Python.

17. What are the different if statements in python?
18. Explain the working of while loop with suitable example.
19. Explain the use of range function in for loop with example.
20. What are global variables? Explain with example.
21. Explain the purpose, syntax and usage of the append() method of the Python's list with suitable examples.
22. What are tuples in Python? Explain the different methods of accessing tuples.
23. How can you define and access sets in Python?

(Ceiling: 35 Marks)

Part C (Essay questions)

Answer any *two* questions. Each question carries 10 marks.

24. Describe the control statements of Python.
25. Define function. Explain the different parameter and argument passing methods in function.
26. Explain the concept of list in Python? How can you define a list in Python? Explain how can you insert into and delete elements from Python's lists
27. What are dictionary in Python? Explain the built in methods to access, update and delete dictionary values in python with suitable examples.

(2 × 10 = 20 Marks)
