

19U337

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Name:

Reg.No:

THIRD SEMESTER B.Sc. /B.C.A. DEGREE EXAMINATION, NOVEMBER 2020

(CBCSS - UG)

CC19U BCS3 A11A / CC19U BCA3 A11A - PYTHON PROGRAMMING

(Common Course)

(2019 Admission - Regular)

Time : 2.5 Hours

Maximum : 80 Marks

Credit : 4

Part A (Short answer questions)

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

1. Explain any two features of Python Programming.
2. Explain IDLE.
3. What is an identifier? Give examples
4. Explain Identity operators?
5. Explain eval function with an example.
6. Define input method with example.
7. Explain print function with example.
8. What is a boolean expression.
9. Define range function.
10. Explain nested loop.
11. Define datetime module.
12. Explain default parameters.
13. Define function call.
14. Define return statement.
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. Write the associativity and priority of operators.
17. Write a Python program to check whether an input number is even or odd?
18. Explain the working of while loop with suitable example.
19. Differentiate Break and Continue with suitable examples.
20. Explain any three random number generating functions in python.
21. Explain the basic operations of Python's lists with suitable example.
22. What are dictionaries in Python? Describe different methods of dictionaries in Python
23. What are sets in Python? What are its characteristics?

(Ceiling: 35 Marks)

Part C (Essay questions)

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

24. Describe the syntactic rules and usage of while statement in Python with suitable example. Also explain the use of while statements.
25. Explain the concept of function. What is meant by built-in functions in Python? Describe atleast ten built in functions in Python.
26. What is a 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. Explain tuple in Python? How can you define a tuple in Python? Explain how can you create and access tuples in python.

(2 × 10 = 20 Marks)
