24U345S　　　　　　　　　　(Pages: 2)　　　　　　　Name: ....

Reg.No: ....

THIRD SEMESTER B.Sc./B.C.A. DEGREE EXAMINATION, NOVEMBER 2025
(CBCSS - UG)

CC19UBCS3A11A / CC19UBCA3A11A - PYTHON PROGRAMMING
(Computer Science / Computer Application - Common Course)

(2019 to 2023 Admissions - Supplementary/Improvement)

Time : 2.5 Hours　　　　　　　　　　　　　　　　　　　　Maximum : 80 Marks

Credit : 4

Part A (Short answer questions)
Answer *all* questions. Each question carries 2 marks.

1. List any five features of python programming language.

2. Define variables.

3. What are the Identity operators?

4. Explain eval function with an example.

5. Write a python program to print "Hello----world".

6. Define boolean expresion with example.

7. Explain the syntax of while loop.

8. Compare the use of break and continue with suitable examples.

9. Define datetime class.

10. Define random() method .

11. Explain calling of a function with an example.

12. Explain the use of global keyword.

13. List down the set operations in python.

14. List basic list operations.

15. List basic tuple operations.

(Ceiling: 25 Marks)

Part B (Paragraph questions)
Answer *all* questions. Each question carries 5 marks.

16. Explain how python scripts are written and executed.

17. What are the rules for evaluation of Expression?

18. Write a Python program to check whether an input number is even or odd?

19. Explain built in functions.Give examples.

20. Explain user defined functions with suitable examples.

21. What is recursion? Explain with example.

22. What are dictionaries in Python? Describe different methods of dictionaries in Python

23. How can you add and remove elements in sets in Python?

(Ceiling: 35 Marks)

Part C (Essay questions)

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

24. Describe the syntactic rules and usage of for statement in Python with suitable example. Also explain the use of for statements.

25. What are different control and looping statements in Python? Explain with examples.

26. Define function.Explain the different parameter and argument passing methods in function.

27. Explain list in Python? How can you define a list in Python? Explain how can you insert into and delete elements from Python's lists

(2 × 10 = 20 Marks)

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