

BCA DEGREE EXAMINATION
(CBCSS—UG)

A11 — PYTHON PROGRAMING

(Model Question Paper)

Time : 2¹/₂Hours

Part A

Answer all questions. Each question carries ½ mark.

1. What you meant by operator precedence ?
2. What is the difference between list and tuples in Python ?
3. What is an identifier ? Give examples
4. What is Python ? What are the benefits of using Python ?
5. Write a short note on global keyword in Python.
6. What is Random Number Generator in Python ?
7. Write a Python program to calculate the length of a string ?
8. What is a set in Python ?
9. What is default parameter in Python ?
10. How do you write comments in Python ?
11. What is eval() in python ? What is its syntax ?
12. Write a Python program to check given number is Prime or not.
13. Write a function to give the sum of all the numbers in list ?
14. What is the purpose of break statement in Python ?
15. What are Python dictionaries ?

Part B (Very Short Answer Type Questions)

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

16. *What are the different data types available in Python?*
17. *Write a Python program to remove an item from a set if it is present in the set.*
18. *Explain the use of functions in Python in detail.*
19. *What is a tuple? Explain different tuple operations in Python.*
20. *Write a short note on Python IDLE.*
21. *Write a Python program to sum all the items in a list.*
22. *Explain recursion in Python with suitable examples?*
23. *What are the key features of Python*
24. *What is Python?*

Part B (Very Short Answer Type Questions)

*Answer any 3 questions.
Each question carries 10 marks.*

25. *What is a function? Explain different functions available in Python with suitable examples.*
26. *What is a loop? Explain different looping statement in Python.*
27. *Explain different types of operators in Python in detail*
28. *What is a string? Explain different string operations in Python with example.*
29. *Write a programme to factorial ?*