

6. Explain about function arguments in Python? Explain all types of function arguments with example.
7. What is Calender Module? Explain five function of calender module with example.
8. What is Datetime Module? Write a Python program to print yesterday, today, tomorrow dates.
9. How to handle Multiple Exceptions? Explain with example. Write a Python program handle an AttributeError exception in list operation

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Roll No. :

BCA-3001

BCA (Semester-III) (NEP) Examination, 2025-26

PYTHON PROGRAMMING

[Paper : First]

Time : 2 Hours]

[Maximum Marks : 75

- Note :**
1. Attempt questions from **all** sections as directed.
 2. The candidates are required to answer only in serial order. If there are many parts of a question, answer them in continuation.
 3. "B" copy will not be provided.

Section-A

Short Answer Type Questions

Note : There are **nine** questions in this section. Attempt **all** questions. Each question carries **5** marks. [9×5=45]

1. (a) What is an identifier in Python?
- (b) What is the use of Negative Indexing? Give example.
- (c) Write a program to check a given number is prime or not. Number is given by user.
- (d) Write the differences between Indexing and Slicing with example.
- (e) Describe the Looping statements in Python with example.
- (f) What is Recursion? Explain with example.
- (g) Explain about module in Python.
- (h) Explain the following functions fromkeys() and popitem().
- (i) How can you raise an exception? Explain with example.

Section-B

Long Answer Type Questions

Note : There are **four** questions in this section. Attempt **any one** question. Each question carries **15** marks.

[1×15=15]

2. Mention the features of Python and write the steps to Install Python IDE in detail.
3. Explain the need for continue , break and pass statements. Write a program in Python where these three statements are implemented.
4. Write a Python code to implement stack operations using lists. Explain concatenation and repetition operations on lists with example.
5. Define dictionary in Python. Explain any 3 operations of Dictionaries. Write the difference between Dictionary and List.

Section-C

Long Answer Type Questions

Note : There are **four** questions in this section. Attempt **any one** question. Each question carries **15** marks.

[1×15=15]