1308

April 2025

[N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.

2. Answer all the questions either (a) or (b) in Part-B. Each question carries 14 marks.]

PART – A

1. List any three features of python.

2. Write the use of membership operator.

3. Differentiate break statement and continue statement.

4. Define recursive function.

5. Define string in python.

6. Write any three built-in List operators of python.

7. State the way of accessing the values in a tuple.

8. Give one example for zip, min and max methods in python.

9. Write the syntax for opening a file in python.

10. Mention any three directory methods.

PART – B

11. (a) Describe about the various data types in python.

    (Or)

    (b) Explain the various string operations with an example.

12. (a) Discuss about the simple if and if...else statements with examples.

    (Or)

    (b) Explain about the mathematical functions with example.

13. (a) Describe about string formatting operator with an example.

    (Or)

    (b) Discuss about creation of list, altering values of the list and deleting elements from the list.

14. (a) Discuss about basic tuple operations and built-in tuple functions.

    (Or)

    (b) Write about creation, accessing values and updation of a dictionary with an example.

15. (a) Describe about file opening modes and file object attributes in python.

    (Or)

    (b) Discuss about exception handling in python.

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