

576

Register No.:

April 2024

Time - Three hours
(Maximum Marks: 100)

- [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 out any three Reserved Keywords.
2. What are the data types available in python?
3. Write down any three mathematical functions used in python.
4. What are the differences between break and continue statements?
5. List the built-in methods used in python.
6. What is meant by immutable property?
7. How the repetition operator works on tuple?
8. Give example for all(dict).
9. Write the syntax for deleting a file using python.
10. Why do we need mkdir() and getcwd() methods?

[Turn over.....

PART – B

11. (a) Explain about installation of python software and run a python program.

(Or)

- (b) Explain about Arithmetic, Relational and Logical operators used in python.

12. (a) Explain about various decision making statements used in python with examples.

(Or)

- (b) Explain about the various parameters and arguments used on python's user defined functions.

13. (a) (i) Write a python program using string function to search a character in a string. (7)
(ii) Explain about the escape characters in a string. (7)

(Or)

- (b) (i) How to copy the lists using [:] operator?(7)
(ii) Explain with an example about the remove operator in lists.(7)

14. (a) Write a function called sum that takes any number of arguments and return their sum.

(Or)

- (b) Explain any seven built in dictionary methods with examples.

15. (a) Explain about reading a file and writing a file in python with example programs.

(Or)

- (b) Explain about try finally and except with no exception with examples.
