

comp.

Register No.:

342

April 2023

*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. What is meant by reserved keywords?
2. What is meant by data type conversion? Give example
3. What is the output of the following function range(5,12) ?
4. How a function is called? Give example.
5. Which character is used as escape character? List some of the escape characters.
6. What is meant by mutable property?
7. How the repetition operator works on tuple?
8. Give an example for all(dict) and any(dict).
9. Give the syntax for deleting a file on python with an example.
10. What are the user defined exceptions? Give an example.

[Turn over.....

**PART - B**

11. (a) What are the two ways of getting input from keyboard? Explain in detail with example.

(Or)

(b) (i) Describe with example about the immutable objects. (7)  
(ii) What are the various set operations performed in python? Explain with an example. (7)

12. (a) (i) Write notes on for loop with an example. (7)  
(ii) With suitable example, describe the break, continue and pass statement. (7)

(Or)

(b) (i) Write a function that accepts two numbers and return their sum. (7)  
(ii) Explain the return statement with suitable example. (7)

13. (a) (i) Write a 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 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 example.

15. (a) Explain in detail with example about the file object attributes.

(Or)

(b) Explain in detail about various directory methods.

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