

[Time:2.30 Hrs]

[Marks:75]

Please check whether you have got the right question paper.

- N.B:
1. All question are compulsory.
 2. Figures to the right indicate full marks.

Q.1 Attempt any four of the following:**20**

- A Explain Assignment and Expression statement with example?
- B Describe Dictionary and explain various operations in dictionary?
- C What is function in python? Explain with different example?
- D Explanation expression evaluation?
- E Explain any 3 types of operators with the help of example?
- F Difference between Dynamic Typing and Static Typing

Q.2 Attempt any four of the following:**20**

- A Explain Global and local variable in python with example?
- B Explain while loop and for loop with example?
- C Describe range function with example?
- D What are Anonymous functions in python?
- E Explain if statement and Elif statement with example?
- F Explain functions and types of function?

Q.3 Attempt any four of the following:**20**

- A What is OOPs explain with the help of Class and Object?
- B What is inheritance explain Multiple Inheritance in detail with example?
- C Explain Built-in dir() function
- D State and explain any 5 dictionary functions?
- E What is list comprehension? Using list comprehension with an existing list?
- F Explain methods of Tuple with the help of program

Q.4 Attempt any three of the following:**15**

- A Explain Anonymous function with map() and filter() with the help of example?
- B State and explain any 5 string functions?
- C Write a simple program of Addition, Subtraction, Multiplication and Division of two number taking from user?
- D Explain methods of list with the help of program
- E State and explain any 5 list functions?
- F Explain Built-in function type in detail?
