

731011123

Seat Number: - _____

Duration: 2:30 hrs

Marks:- 75

Note:- 1) All questions are compulsory.

2) Figures to the right indicate maximum marks.

- I) Attempt any three of the following. 15M
- What are the advantages of Python Programming language? [CO1R]
 - How to assign a value to a variable? Explain with example? [CO1R]
 - Explain the different types of operators in python. [CO1R]
 - Write a Python Program to calculate the sum of three given numbers. [CO1R]
 - Explain the interactive and script mode. [CO1R]
 - Write a Python Program to get the Fibonacci Series between 0 to 50. [CO1R]
- II) Attempt any three of the following 15M
- Explain type Conversion functions. [CO2R]
 - Explain Parameters and arguments used in function. [CO2R]
 - Explain Boolean function using suitable example. [CO2R]
 - Write a short note on string with an example. [CO2R]
 - Explain looping and counting in String. [CO2R]
 - Explain string Comparison with an example. [CO2R]
- III) Attempt any three of the following 15M
- Explain different list operations with example? [CO3R]
 - Explain the tuple function with example? [CO3R]
 - Write a Python Program to find the Index of an item of a tuple. [CO3A]
 - What is the difference between list and tuple? [CO3R]
 - What is the difference between mutable and immutable. [CO3U]
 - What are the attributes of file objects? [CO3R]
- IV) Attempt any three of the following 15M
- Explain the objects? [CO4R]
 - Explain Classes and Class Objects? [CO4R]
 - What is multithreading? Explain the thread module? [CO4R]
 - Explain time module? [CO4R]
 - Explain Math Module? [CO4R]
 - Explain the function is instance() and is subclass(). [CO4R]
- V) Attempt any three of the following 15M
- How to import the Tkinter? [CO5R]
 - Explain the layout management features. [CO5R]
 - Explain the 'UPDATE' Command. [CO5A]
 - How to create database in Python? [CO5A]
 - Explain Spin box with an example. [CO5R]
 - Explain check button widget with example. [CO5R]