

Q.24 How a function is created in Python? Explain types of arguments in functions. (CO3)

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Q.25 What is dictionary and how its value is updated? (CO2)

**3rd Sem / Automation & Robotics**  
**Subject : Python Programming**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 What is the method inside the class in python language? (CO4)

- a) Object
- b) Function
- c) Attribute
- d) Argument

Q.2 Keywords are also known as : (CO1)

- a) Key values
- b) Reserve words
- c) Key frames
- d) Key names

Q.3 Which of the following Exception is used, when input output operation fails? (CO4)

- a) EOF error
- b) Name Error
- c) IO Error
- d) None of the above

(20)

(4)

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(1)

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Q.4 Name of method which is used to return the length of a string. (CO2)

- a) Length()
- b) Strl()
- c) Strlen()
- d) len()

Q.5 Which widget is used to display items in a tabular or hierarchical manner? (CO5)

- a) Tree view
- b) Size grip
- c) Separator
- d) None of the above

Q.6 Which of the following mode is used to open the file to read and write both? (CO3)

- a) r
- b) w
- c) r+
- d) rb

## SECTION-B

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Is Python an object oriented language? (CO1)

Q.8 Name the keyword which is used for function in Python language. (CO3)

Q.9 What is string? (CO2)

Q.10 In how many different ways, can you work in Python? (CO1)

Q.11 Can you update the values in list?(T/F) (CO2)

Q.12 What is the use of List box? (CO5)

## SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 What is tuple and its operation in Python? (CO2)

Q.14 What is Program and define debugging also. (CO1)

Q.15 Explain math module in detail. (CO3)

Q.16 Explain deep copy and shallow copy. (CO4)

Q.17 Explain in and not in operator. (CO2)

Q.18 What are the features of Python? (CO1)

Q.19 Explain the role of indentation in Python? (CO1)

Q.20 Define Polymorphism and pure functions. (CO4)

Q.21 Write the steps to create a tkinter Python app. (CO5)

Q.22 Define lambda function with the help of an example. (CO3)

## SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Write the difference between Object oriented Programming and Procedure Oriented Programming? (CO1)