

No. of Printed Pages : 4  
Roll No. ....

212834

**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 Which of the following is input statement of python  
a) read                  b) input  
c) scanf                  d) none of the above
- Q.2 Who is developer of python  
a) denis Ritchie      b) rogers s pressmen  
c) Guido van Rossum d) None of the above
- Q.3 Oops stands for  
a) object oriented programming structure  
b) object oriented procedure structure  
c) object oriented program system  
d) object oriented programming system

- Q.4 Which block lets you test a block of code for errors?  
a) try                      b) except  
c) finally                  d) None of the above
- Q.5 Suppose list is [1 , 5, 9], what is sum(list)?  
a) 1                        b) 9  
c) 15                      d) Error
- Q.6 Which of the following is a Python tuple?  
a) [1,2,3]                b) (1,2,3)  
c) {1,2,3}                d) {}

## SECTION-B

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

- Q.7 Write the symbol of modulus operator of Python?
- Q.8 What is a module in python
- Q.9 What is the extension of python program
- Q.10 How to close an opened file in python
- Q.11 Name any two search algorithms
- Q.12 Name any two exceptions in python

## SECTION-C

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

- Q.13 Explain input and output function of python with suitable example.
- Q.14 What is a conversion function?
- Q.15 What is split method in strings.
- Q.16 Write difference between set and tuple
- Q.17 What is math module of python
- Q.18 Write steps to read the whole file at once in python
- Q.19 What is a class and how it is created in python
- Q.20 What is finally clause
- Q.21 Define inheritance
- Q.22 How to update and delete data from a database table

## SECTION-D

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

- Q.23 Explain different types of operators in Python with suitable examples
- Q.24 What is tuple? What are its basic operations and functions
- Q.25 How files are read and written in python