

SECTION-D

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

- Q.23 What is a list? How it is accessed and updated in python
- Q.24 What are various loops in python, explain with suitable programming examples.
- Q.25 What is file? Explain the method to open, read and close a file python

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

Time : 3Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Which of the following is output statement of python
- a) Printf
 - b) System.out.print
 - c) Print
 - d) None of the above
- Q.2 Extension of python program is
- a) .pyt
 - b) .com
 - c) .exe
 - d) .py
- Q.3 GUI stands for
- a) Graphics uniform interaction
 - b) Graphical user interaction
 - c) Graphical user interface
 - d) None of the above

Q.4 Which exception raised when a calculation exceeds maximum limit for a numeric type?

- a) Standard Error b) Arithmetic Error
- c) Overflow Error d) Floating Point Error

Q.5 Suppose list [‘h’,e’,1’,o’], what is lens(list)?

- a) 5 b) 4
- c) None d) Error

Q.6 Suppose t is a tuple, t = (1,2,4,3) which of the following is incorrect?

- a) print(t[3]) b) t[3]=5
- c) print(max(t)) d) print(lens(t))

SECTION-B

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

Q.7 What do you mean by syntax error?

Q.8 Write syntax of for loop of python

Q.9 What is the purpose of import statement of python

Q.10 What is a file

Q.11 Expand oops

Q.12 What is primary key

SECTION-C

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

Q.13 What are the logical operators of python, explain with suitable example?

Q.14 Name any four string operations of python and also give example of each?

Q.15 What is the purpose of indentation in python

Q.16 Explain concept of tuple in python

Q.17 How a module can be imported in python

Q.18 How can you create a file in python

Q.19 What is object and how it is created in python

Q.20 What is exception and name any two exceptions of python

Q.21 Define polymorphism

Q.22 Write steps to create a database table