Q.19 What is multilevel inheritance ? Explain.   (CO4)

Q.20 Explain various modes of opening file in python?
                                                 (CO1)

Q.21 What is IDLE ? Explain.   (CO1)

Q.22 What is function ? Write its advantages.   (CO3)

SECTION-D

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

Q.23 Write a program in python to check whether a number is prime or not.   (CO1)

Q.24 Explain the process of Exception handling in python with suitable example.   (CO4)

Q.25 What is class and object ? How they are implemented in python.   (CO4)

3rd Sem / Automation and 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 not a keyword in python language?   (CO1)
   a) Val   b) Raise
   c) try   d) With

Q.2 Which one of the following has the highest precedence in the expression?   (CO2)
   a) Division   b) subtraction
   c) power   d) Parenthesis

Q.3 Which type of programming does python support?
                                                 (CO1)

   a) Object oriented programming
   b) Structured programming
   c) Functional programming
   d) All of the mentioned above

Q.4   What is GUI ?   (CO5)

a)   Graphical user Input

b)   Graph using Input

c)   Graphical user Interface

d)   None of the above

Q.5   Which of following is not a built in data type in python programming?   (CO2)

a)   Character   b)   Class

c)   Boolean   d)   Numeric

Q.6   Which of the following is a Python list ?   (CO2)

a)   [4,5,6]   b)   (4,5,6)

c)   {4,5,6}   d)   {}

SECTION-B

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

Q.7   How many keywords are there in python ?   (CO1)

Q.8   Which is the extension of python program?   (CO1)

Q.9   Which character is used to give multi-line comments in python ?   (CO2)

Q.10   Expand OOPS.   (CO4)

Q.11   Write the name of any two standard module.   (CO4)

Q.12   What do you mean by POP operation?   (CO3)

SECTION-C

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

Q.13   Explain various time module functions in python ?   (CO2)

Q.14   Write the applications of python.   (CO1)

Q.15   What is syntax error and Runtime error ?   (CO2)

Q.16   Write the syntax of while loop.   (CO3)

Q.17   How do you update and delete data in database?   (CO5)

Q.18   What do you mean by constructor and its types ?   (CO4)