Comp. Engg.
Subject:- Comp. Prog. Using. Python

Time : 3Hrs.   M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory   (10x1=10)

Q.1 Python Programming Language is developed by _____   (CO1)
a) Guido Van Rossum b) Wick Van Rossum
c) Niene Stom   d) Richard

Q.2 Which of the following is not a string method in Python?   (CO2)
a) Lower()   b) upper ()
c) Capitilize ()   d) void main ()

Q.3 Which of the following is a decision making statement in Python?   (CO3)
a) for   b) if-else-statement
c) while   d) do-while

Q.4 How to access a value in List?   (CO5)
a) mylist ()   b) mylist[]
c) mylist {}   d) none

Q.5 Lambda function can have_____   (CO5)
a) any no. of argument and any no. of expression
b) one argument and one expression
c) any no. argument and only one expression
d) one argument and any no. of expression

Q.6 The following is not the standard module-math function.   (CO6)
a) math.sqrt()   b) math.log()
c) math.pow ()   d) math.datetime()

Q.7 Which of the following is not a common exception in Python.   (CO7)
a) zero division error b) indentation error
c) name error   d) Syntax error

Q.8 Which function is used to open a file in Python?   (CO8)
a) file ()   b) new()
c) open()   d) none of the above

Q.9 _____is an real world entity that has state and behavior.   (CO9)
a) class   b) object
c) method   d) constructor

Q.10 Which module in Python supports regular expression ?   (CO10)
a) re   b) regx
c) Pyregx   d) none of above

SECTION-B

Note: Objective type questions. All questions are compulsory.   (10x1=10)

Q.11 IDLE stands for_____   (CO1)

Q.12 *is a_____string operator.   (CO2)

Q.13 Looping is used to execute the statement again and again . (T/F)   (CO3)

Q.14 Functions in Python will always return a value. (T/F)   (CO5)

Q.15 Give the purpose of print function.   (CO5)

Q.16 Name two types of scope of variables in Python.   (CO4)

Q.17 How many except statement can a try block have?   (CO7)

Q.18 Syntax of creating a class in python is_____ (CO9)

Q.19 Define object.   (CO9)

Q.20 Write greedy match quantifiers used in Python.   (CO10)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions.   (12x5=60)

Q.21 Write down key features of Python programming language?   (CO1)

Q.22 Explain any five string functions used in Python.   (CO2)

Q.23 What are various decision making statement. Give example.   (CO3)

Q.24 Write a program to print the table of the given number?   (CO3)

Q.25 Define list. Explain any four list function.   (CO4)

Q.26 Difference between list and tuple.   (CO4)

Q.27 Explain Dictionary and how it is created in Python?   (CO1)

Q.28 What is function ? Why functions are required?   (CO6)

Q.29 What is module? Write down importance of module in python.   (CO6)

Q.30 Explain assert statement with example.   (CO7)

Q.31 How you can create a file in Python? Explain with example.   (CO8)

Q.32 Difference between Object-Oriented Programming and Procedural Programming.   (CO9)

Q.33 Explain the concept of Greedy Match.   (CO10)

Q.34 Write down the special character used in regular expression ?   (CO10)

Q.35 What is exception and how it is handled in Python?   (CO7)

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions.   (2x10=20)

Q.36 Write short notes with example on   (CO3)
   a) for loop
   b) while loop

Q.37 Write different ways to pass argument to function using example.   (CO5)

Q.38 Explain inheritance and its types with example.   (CO9)

(**Note:** Course outcome/CO is for office use only)