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**5th Sem / Branch : Computer Engg.
Sub. : Computer Programming Using Python**

Time : 3Hrs. M.M. : 100

SECTION-A

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

Q.1 Which of the following is correct python extension. (CO-1)

- a) .pt
- b) .py
- c) .ph
- d) .pn

Q.2 Which character is used in Python to make a single line comment? (CO-2)

- a) /
- b) //
- c) #
- d) !

Q.3 _____ uses square brackets for comma separated values in Python? (CO-4)

- a) Lists
- b) Dictionary
- c) Tuples
- d) None of the above

Q.4 How is a function declared in Python? (CO-5)

- a) def function fun_name ():
- b) declare function fun_name ():
- c) def fun_name ():
- d) declare fun_name ():

Q.5 Which among the following are mutable objects in Python? (CO-4)

- a) List
- b) Integer
- c) String
- d) Tuple

Q.6 Which code is used to open a file for binary writing? (CO-8)

- a) "w"
- b) "wb"
- c) "r+"
- d) "a"

Q.7 Which of the following functions returns a list containing all matches? (CO-10)

- a) Find
- b) Findall
- c) Search
- d) None of the above

Q.8 Which of the following is valid is statement in python. (CO-3)

- a) If(a>= 10):
- b) If(a=> 10)
- c) If a>= 10
- d) If(a>= 10)

Q.9 Which one of the following is not a python's predefined data type? (CO-9)

- a) List
- b) Dictionary
- c) Tuple
- d) Class

Q.10 Which of the following is not the function of standard module SYS. (CO-6)

- a) Argv
- b) maxsize
- c) Path
- d) Time

SECTION-B

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

Q.11 _____ is the extension of python script file. (CO-1)

Q.12 Write names of any two conversion functions in python. (CO-2)

(1)

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(2)

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- Q.13 What is result of “abc”> “aaa” statement in python.
(True/False) (CO-3)
- Q.14 Write function which is used to calculate the power of
a number. (CO-6)
- Q.15 Python is dynamically typed language. (True/False)
(CO-1)
- Q.16 Passing functions to functions is allowed in python.
(True/False). (CO-5)
- Q.17 RegEx in python stands for _____. (CO-10)
- Q.18 What is the use of negative indexing? (CO-4)
- Q.19 Write the syntax to open a file in read and write mode.
(CO-8)
- Q.20 Except code block is always executed before try code
block in python exception handling. (True/False)
(CO-7)

SECTION-C

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

- Q.21 Why python is called dynamically typed language.
(CO-1)
- Q.22 Explain any five-conversion function with example in
python. (CO-2)
- Q.23 What is the need of indentation in python? (CO-3)
- Q.24 Differentiate between list and tuple. (CO-4)
- Q.25 What are functions. Explain with example the process
of creating and calling a function. (CO-5)
- Q.26 What are modules. Write a module to add two
numbers. (CO-6)

- Q.27 What is use of raise and assert in exception handling.
- Q.28 Explain various file opening access modes. (CO-8)
- Q.29 What is class. How it is created and used in python.
(CO-9)
- Q.30 Explain various operations performed on Lists.
(CO-4)
- Q.31 Explain the concept of inheritance with example in
python. (CO-9)
- Q.32 Explain any five functions provided by standard math
module. (CO-6)
- Q.33 What do you mean by file in python. How we can write
data to a file. (CO-8)
- Q.34 Explain the process of calling functions with and without
arguments. (CO-5)
- Q.35 Write a program to find the largest of ‘n’ numbers,
using a user defined function largest(). (CO-5)

SECTION-D

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

- Q.36 What do you be Tuples in Python. Explain various type
of operation of tuples. (CO-4)
- Q.37 Explain the use of various types of operators in python.
(CO-3)
- Q.38 Explain the use of various regular expression methods.
(CO-10)

- a) re.search()
b) re.match()
c) re.findall()

Note : Course Outcome (CO) mentioned in the question paper
is for official purpose only.