PARUL UNIVERSITY
FACULTY OF APPLIED SCIENCE
M.Sc Summer 2018-19 Examination

Semester: 2   Date:12-04-19
Subject Code:11206156   Time:10:30am to 11:45pm
Subject Name:Python Programming   Total Marks: 30

Instructions:
1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1. A) Multiple Choice Questions.(Each of 01 mark)   (04)

1) Is Python case sensitive when dealing with identifiers?

   a) yes   b) no   c) machine dependent   d) none of the mentioned

2) What is the output when following statement is executed?   "abcd"[2:]

   a) a   b) ab   c) cd   d) dc

3) Where is function defined?

   a) Module b) Class   c) Another function   d) All of the mentioned

4) To read two characters from a file object infile, we use

   a) infile.read(2)   b) infile.read()   c) infile.readline()   d) infile.readlines()

Q.1. B) Short Questions (Each of 02 mark)   (04)

1) List out Python Characteristics.

2) Explain difference between list and tuples.

Q.2. A) Short Questions (Each of 01 mark)   (04)

1) Define Encapsulation.

2) What is module?

3) How to create set in python?

4) Create a dictionary use name as key and age as value.

Q.2. B) Do as Directed. (Each of 02 mark)   (04)

1)Explain while…else loop with example.

2)Create a function to find reverse number of given number.

Q.3.   Answer any two of the Following Question.(Each of 04 marks)   (08)

1) Describe working of split and findall function with example.

2) What is class and object? Create a class employee, print name and salary of employee.

3) Write a code to demonstrate string operation.

Q.4.   Answer any one of the Following Questions.   (06)

1) What is Exception? How to Handle Exception in Python? Explain with example.

2) What is File? Write a code to read and write a file.