SRINIVAS UNIVERSITY
INSTITUTE OF ENGINEERING AND TECHNOLOGY
MUKKA, MANGALURU

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

QUESTION BANK

PYTHON APPLICATION PROGRAMMING

SUBJECT CODE:19SCS631

COMPILED BY:

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Module – 1

1. Why should you learn to write programs?
2. Explain Creativity and motivation methods.
3. Explain Computer hardware architecture.
4. Explain the method of Understanding programming
5. Describe about Words and sentences
6. Explain the Terminology between interpreter and compiler.
7. Elaborate The building blocks of programs.

Module-2

1. Evaluate how to Updating variables with the method of iteration?
2. Differences between while statement and Infinite loop?
3. Differences between loops using for, loop pattern, Debugging?
4. Evaluate a string is a sequence and Traversal through a string with loop.
5. Describe string comparison, string method, parsing strings.
6. Evaluate Persistence of a file.
7. Explain Operating methods if a file.
8. Evaluate the methods of Using try, except, and open of a file.

Module -3

1. A list is a sequence? Explain
2. How the Lists are mutable
3. Describe traversing a list
4. Explain List operations and List slices and List methods
5. Explain Dictionaries as a set of counters

6. Describe Dictionaries and files

7. Describe Looping and dictionaries of a list

8. Describe Tuples are immutable of a file

9. Describe Comparing tuples and Tuple assignment, List comprehension

Module -4

1. Evaluate User defined types of a class and object.

2. Explain Instances as a return value

3. Explain Prototyping and planning of class and function

4. Explain features of object oriented functions.

5. Difference between Init method and str method.

6. Elaborate about operator overloading and polymorphism.

7.

Module -5

1. Explain about Hypertext Transfer Protocol – HTTP.

2. Explain how to Retrieving an image over HTTP.

3. Explain how to Retrieving web pages with urllib.

4. Explain about eXtensible Markup Language – XML.

5. Evaluate Looping through nodes.

6. What is a database? and Database concepts.

7. Explain about Structured Query Language.

8. Evaluate Spidering Twitter using a database