PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2018
(Eighth Semester)

Branch -SOFTWARE SYSTEMS
(Five year integrated)

CORE ELECTIVE ! - PROGRAMMING IN PHYTHON

Time: Three Hours   Maximum: 75 Marks

SECTION -A (30 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks (5 x 6 = 30)

1   a Brief about Variables and Keywords in Python. Give example.
OR
   b Differentiate between Interactive and Script mode with example.

2   a Brief about invoking functions in Python with example.
OR
   b Write short notes on any 6 functions in math Module.

3   a Write a Python program to find whether the number is prime or not.
OR
   b Write short notes on Lopping Statements in Python with example.

4   a Elaborate on Tuple functions with example.
OR
   b How to initialize and access elements in Dictionary? Give example.

5   a Write short notes on frames and Menus in python GUI Environment.
OR
   b How to create user Exception class? Give example.

SECTION -B (45 Marks)
Answer any **THREE** questions
ALL questions carry **EQUAL** Marks (3 x 1 5 = 45)

6   Discuss in detail about Operators in Python with example.

7   Write in detail about passing parameters to a function. Give example.

8   Discuss in detail about Built-in string functions with example.

9   Explain in detail about the basic list operations and methods with suitable examples.

10   Elaborate in detail about Exceptions in Python with example.

Z-Z-Z   END