

**MSc DEGREE EXAMINATION MAY 2018**  
(Eighth Semester)

Branch –**SOFTWARE SYSTEMS**  
(Five year integrated)

**ELECTIVE – II : PROGRAMMING IN PYTHON**

Time: Three Hours

Maximum: 75 Marks

**SECTION -A (30 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** Marks (5 x 6 = 30)

- 1 a Define Variables with examples.  
OR  
b How to provide comments in Python?
- 2 a Explain the technique of importing modules.  
OR  
b Define Functions.
- 3 a What is a loop?  
OR  
b What is meant by Pattern matching?
- 4 a Discuss on list operations.  
OR  
b How to access the elements in a tuple?
- 5 a What is meant by Run Time Error?  
OR  
b Give the purpose of List Box.

**SECTION -B (45 Marks)**

Answer any **THREE** questions

**ALL** questions carry **EQUAL** Marks (3 x 15 = 45)

- 6 How expressions are evaluated in Python programming?
- 7 Explain the technique of invoking functions in Python.
- 8 How strings can be compared using relational operators? Explain with examples.
- 9 Mention the concept of Mutable list. Discuss on Tuple functions.
- 10 Discuss on (i) Entry Widgets (ii) Text Widgets

Z-Z-Z

END