

Python Programming
Module 1 – Strings – Tuples - Lists
Question Bank

1. List the salient features of Python programming Language.....(5 M)
2. Explain about Python Interpreter with diagram.....(5 M)
3. What is Debugging? Explain the types of errors with example.....(5 M)
4. (i) What is program?
5. (ii) Explain the purpose using comments in Python with example(5 M)
6. Explain (i) Values (ii) Variables (iii) Variable Names (iv) Keywords(10 M)
7. Define Statements, Expressions with suitable examples.....(5 M)
8. Explain (i) Operators and operands (ii) Type converter functions
9. (iii) Order of operations.....(10 M)
10. Explain the following with examples.
11. String Operations (ii) Input Function (iii) Composition (iv) The modulus (%) operator.....(10 M)
12. G. How to use the “for” loop in Python program, explain with example.....(5 M)
13. Explain the “while” statement with example(5 M)
14. What is Collatz $3n + 1$ sequence? Explain with python program(5 M)
15. Explain Python tables with suitable example(5 M)
16. Explain the purpose of “break” and “continue” statement with example.....(5 M)
17. Explain the need of Nested Loops for Nested Data(5 M)
18. Explain Functions with arguments and return values with example program.....(10 M)
