

**Fourth Semester FYUGP Degree (Reg) Examination April  
2026**

**KU4DSCCSY206 - PYTHON PROGRAMMING  
2024 Admission onwards**

Time : 1.5 hours

Maximum Marks : 50

**Section A**

**Answer any 6 questions. Each carry 2 marks.**

1. What is the syntax for defining a function in Python?
2. What is a string in Python?
3. What is indentation in Python?
4. What is the use of the input() function?
5. What is the use of UPDATE statement?
6. What is the use of rowcount attribute?
7. What is a CSV file?
8. What is the use of tail() function?

**Section B**

**Answer any 4 questions. Each carry 6 marks.**

9. Explain SQL commands used in Python programs.
10. Explain database connection steps in Python.
11. Explain the working of the fetchone() and fetchall() method.
12. Explain how to create and read text files in Python.
13. Explain how to create DataFrame in Pandas.
14. Explain indexing and slicing in Series.

**Section C**

**Answer any 1 questions. Each carry 14 marks.**

15. Explain lists in Python including creating lists, basic list operations, indexing, and slicing with examples.
16. Explain the decision control statements in Python (if, if...else, if...elif...else) with syntax and example.