

B.SC(IT) SEMESTER - 5 (REMEDIAL) (NEP-2020) Examination**March/April-2026****Programming in Python (Minor-5)****Time: 2:00 Hours****Marks:50****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que.1 Answer the following questions (Any Two Out of Four) (10)
- (1) Explain features of python.
 - (2) Explain Module in python.
 - (3) Explain Operators in python.
 - (4) Explain Conditional Statement in python.
- Que.2 Answer the following questions (Any Two Out of Four) (10)
- (1) Explain File Handling functions in python.
 - (2) Explain any five Tuple methods with example.
 - (3) Explain CSV with its read and write operation.
 - (4) Explain any five Set methods with example.
- Que.3 Answer the following questions (Any Two Out of Four) (10)
- (1) Explain Insertion Sort Algorithm in Python.
 - (2) Explain Inheritance in Python.
 - (3) Explain Exception handling with example.
 - (4) Explain Linear Search Algorithm with example.
- Que.4 Answer the following questions (Any Two Out of Four) (10)
- (1) Explain Entry with its method.
 - (2) Explain Scrollbar with its method.
 - (3) Explain Image Functions in python.
 - (4) Explain Plotly Express function in python.
- Que.5 Answer the following questions (Any Two Out of Four) (10)
- (1) Explain Looping Statement in python.
 - (2) Explain search(), match(), findall() and sub() function in python.
 - (3) Explain Constructor in Python with example.
 - (4) Explain NumPy function in python.
