

COMPLETE PYTHON MST EXAM GUIDE (UNIT 1–6)

This PDF contains solved MST-1 & MST-2 questions, most expected questions, 2, 5 and 10 marks answers, differences, usage, syntax and working with examples for Units 1 to 6, prepared strictly from examiner point of view.

UNIT 1 : PYTHON BASICS

2 Marks: Define Python.

Python is a high-level, interpreted programming language.

5 Marks: Features of Python – easy syntax, interpreted, portable, OOP, large library.

10 Marks: Structure of Python program with example.

`a = 10 b = 20 print(a+b)`

UNIT 2 : CONTROL STATEMENTS & DATA TYPES

2 Marks: What is loop? – Repetition of code.

5 Marks: Mutable vs Immutable data types with example.

10 Marks: break vs continue vs pass with example.

UNIT 3 : FUNCTIONS & MODULES

2 Marks: What is function? – Reusable block of code.

5 Marks: Built-in vs user-defined functions.

10 Marks: Lambda function syntax and example.

UNIT 4 : EXCEPTION HANDLING

2 Marks: What is exception? – Runtime error.

5 Marks: Exception handling syntax.

10 Marks: User-defined exception voting system program.

UNIT 5 : FILE HANDLING

2 Marks: What is file handling?

5 Marks: `read()`, `readline()`, `readlines()`.

10 Marks: tell() and seek() with example.

UNIT 6 : TKINTER (GUI)

2 Marks: What is Tkinter?

5 Marks: pack(), grid(), place().

10 Marks: place() program for button positioning.

MOST EXPECTED EXAMINER QUESTIONS

Differences, usage, syntax and working questions from all units, based on MST-1 and MST-2 repetition pattern.