

# 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.