

<think>

The user wants me to generate 5 Multiple Choice Questions (MCQs) based on the provided Python syllabus text. I need to create questions that cover different units and topics from the syllabus. Let me break down the units and create diverse questions:

#### Unit I: Introduction and Syntax

- Features of Python
- Python building blocks
- Data Types

#### Unit II: Python Operators and Control Flow

- Basic Operators
- Control Flow statements

#### Unit III: Data Structures

- Lists, Tuples, Sets, Dictionaries

#### Unit IV: Functions, Modules and Packages

- Built-in functions
- User-defined functions
- Modules and packages

#### Unit V: Object Oriented Programming

- Classes and objects
- Inheritance, etc.

## Unit VI: File I/O and Exception Handling

- File handling
- Exception handling

Let me create 5 MCQs covering different units:

1. From Unit I - Python features
2. From Unit II - Operators
3. From Unit III - Data structures
4. From Unit IV - Functions/scope
5. From Unit VI - Exception handling

I need to make sure each question has 4 options and clearly indicates the correct answer.

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Based on the provided Python syllabus, here are 5 multiple-choice questions covering different units:

1

**\*\*Question:\*\*** Which of the following is NOT a feature of Python mentioned in Unit I?

- A) Interactive
- B) Object-oriented
- C) Compiled
- D) Platform independent

**\*\*Correct Answer:\*\*** C) Compiled

2

**\*\*Question:\*\*** Which operator has the highest precedence among the following Python operators?

- A) Arithmetic operators
- B) Comparison/Relational operators
- C) Logical operators
- D) Assignment operators

**\*\*Correct Answer:\*\*** A) Arithmetic operators

3

**\*\*Question:\*\*** Which of the following Python data structures is ordered, mutable, and allows duplicate elements?

- A) Set
- B) Dictionary
- C) Tuple
- D) List

**\*\*Correct Answer:\*\*** D) List

4

**\*\*Question:\*\*** What is the scope of a variable defined inside a function in Python?

- A) Global scope
- B) Local scope
- C) Module scope
- D) Class scope

**\*\*Correct Answer:\*\*** B) Local scope

5

**\*\*Question:\*\*** Which statement is used in Python for exception handling to catch and handle exceptions?

A) raise

B) try-except

C) finally

D) throw

**\*\*Correct Answer:\*\*** B) try-except