

## The Joy of Computing Using Python

### IMP QUESTIONS PART 2

Question 1:

What is Python?

- A) A high-level programming language
- B) A type of snake
- C) A mathematical equation
- D) A type of database management system

Accepted Answer: A) A high-level programming language

Question 2:

Which of the following is the correct way to start a comment in Python?

- A) //
- B) --
- C) /\*
- D) #

Accepted Answer: D) #

Question 3:

What is the output of `print(3 * 2 3)` in Python?

- A) 48
- B) 64
- C) 6
- D) 192

Accepted Answer: A) 48

Question 4:

What does the '!= 'operator signify in Python?

- A) Equal to
- B) Not equal to
- C) Less than
- D) Greater than

Accepted Answer: B) Not equal to

Question 5:

In Python, how do you denote a tuple?

- A) ( )
- B) [ ]
- C) { }
- D) < >

Accepted Answer: A) ( )

Question 6:

What is the purpose of the 'elif' keyword in Python?

- A) It is used for exception handling
- B) It is used for defining a function
- C) It is used for writing else-if conditions
- D) It is used for file input/output operations

Accepted Answer: C) It is used for writing else-if conditions

Question 7:

What does the 'len()' function do in Python?

- A) Returns the length of a list, string, or any iterable object
- B) Converts a string to lowercase
- C) Finds the largest element in a list
- D) Returns the square root of a number

**Accepted Answer: A) Returns the length of a list, string, or any iterable object**

**Question 8:**

**Which of the following is a mutable data type in Python?**

**A) Strings**

**B) Tuples**

**C) Lists**

**D) Sets**

**Accepted Answer: C) Lists**

**Question 9:**

**What is the correct way to open a file in Python for reading?**

**A) file = open("file.txt", "r")**

**B) file = open("file.txt", "w")**

**C) file = open("file.txt", "a")**

**D) file = open("file.txt", "x")**

**Accepted Answer: A) file = open("file.txt", "r")**

**Question 10:**

**What is the purpose of the 'strip()' function in Python?**

**A) Removes whitespaces from both ends of a string**

**B) Adds whitespaces to a string**

**C) Converts a string to uppercase**

**D) Converts a string to lowercase**

**Accepted Answer: A) Removes whitespaces from both ends of a string**

**Question 11:**

**What does the 'range()' function generate in Python?**

**A) A list of numbers**

**B) A range object representing a sequence of numbers**

C) A random number

D) A tuple of numbers

**Accepted Answer: B) A range object representing a sequence of numbers**

**Question 12:**

**What does the 'break' statement do in a loop in Python?**

A) Terminates the loop and transfers control to the next iteration

B) Ends the program

C) Breaks the syntax of the loop

D) Restarts the loop

**Accepted Answer: A) Terminates the loop and transfers control to the next iteration**

**Question 13:**

**Which of the following is used to define a function in Python?**

A) func()

B) function{}

C) def function\_name():

D) function[]

**Accepted Answer: C) def function\_name():**

**Question 14:**

**What is the output of `print("Hello" + 3 \* " World")` in Python?**

A) HelloWorld

B) Hello World Hello World Hello World

C) HelloWorldHelloWorldHelloWorld

D) Hello WorldHello WorldHello World

**Accepted Answer: B) Hello World Hello World Hello World**

**Question 15:**

**What is the purpose of the 'split()' function in Python?**

- A) Combines strings**
- B) Splits a string into a list of substrings based on a delimiter**
- C) Removes whitespace characters from a string**
- D) Converts a string to uppercase**

**Accepted Answer: B) Splits a string into a list of substrings based on a delimiter**

**Question 16:**

**What is the correct way to check if a key exists in a Python dictionary?**

- A) ``if key in dictionary:``**
- B) ``if key == dictionary:``**
- C) ``if key.contains(dictionary):``**
- D) ``if dictionary.hasKey(key):``**

**Accepted Answer: A) ``if key in dictionary:``**

**Subscribe for**

**PART 3 AND 4**



**MY SWAYAM**



**PDF LINK OF THIS QUESTIONS IS AVAILABLE IN THE DESCRIPTION BOX OF THIS VIDEO.  
FOR NEXT PART COMMENT BELOW AND KEEP SUBSCRIBE TO MY SWAYAM.  
THANK YOU. HAPPY LEARNING.**