Python Exam 11.03.24 Varia

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**Question 1:**

**What is the purpose of indentation in Python?**

1. It has no purpose
2. It is used for comments
3. It defines the beginning and end of code blocks
4. It improves code readability

**Question 2:**

**Which symbol is used to indicate the start of a block in Python?**

1. ->
2. //
3. ::
4. :

**Question 3:**

**What does the "if" statement do in Python?**

1. Iterates over a sequence
2. Defines a function
3. Executes a block of code only if a specified condition is true
4. Imports a module

**Question 4:**

**Which of the following is NOT a valid way to comment in Python?**

1. // This is a comment
2. # This is a comment
3. ''' This is a comment '''
4. """ This is a comment """

**Question 5:**

**How is a function defined in Python?**

1. function myFunction()
2. def myFunction():
3. define myFunction():
4. func myFunction():

**Question 6:**

**What is the purpose of the "else" clause in an "if" statement?**

1. To define a function
2. To execute a block of code only if the specified condition has not been executed
3. To import a module
4. To iterate over a sequence

**Question 7:**

**Which data type is used to store a sequence of elements in Python?**

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1. List
2. String
3. Integer
4. Boolean

**Question 8:**

**Which keyword is used to exit a loop prematurely in Python?**

1. break
2. stop
3. exit
4. end

**Question 9:**

**Which of the following is a valid way to create an empty list in Python?**

1. list()
2. list = []
3. emptyList()
4. {} this on for Dictionery

**Question 10:**

**What is the purpose of the "elif" keyword in Python?**

1. To import a module
2. To define a function
3. To specify an alternative condition to be tested if the initial "if" condition is false
4. To iterate over a sequence

**Bonus:**

**Should you use indentation with “Tab” and “Spacebar” at the same time?**

1. Sure, why not!
2. No, you should use one of the two not both.
3. Yes, when you use the in different blocks.
4. No, the readability will suffer.