**Question 1**

Which of the following is a comment in Python?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| \* This is a test |  |  |  |
| // This is a test |  |  |  |
| # This is a test | Correct | 1.00 |  |
| /\* This is a test \*/ |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 2**

What does the following code print out?

print "123" + "abc"

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| 123abc | Correct | 1.00 |  |
| 123+abc |  |  |  |
| hello world |  |  |  |
| This is a syntax error because you cannot add strings |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 3**

Which of the following is a bad Python variable name?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| SPAM23 |  |  |  |
| spam.23 | Correct | 1.00 |  |
| Spam |  |  |  |
| \_spam |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 4**

Which of the following is not a Python reserved word?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| break |  |  |  |
| iterate | Correct | 1.00 |  |
| continue |  |  |  |
| if |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 5**

What does the following statement do?

x = x + 2

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| This would fail as it is a syntax error |  |  |  |
| Increase the speed of the program by a factor of 2 |  |  |  |
| Produce the value "false" because "x" can never equal "x+2" |  |  |  |
| Retrieve the current value for x, add two to it and put the sum back into x | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 6**

Which of the following elements of a mathematical expression in Python is evaluated first?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Subtraction - |  |  |  |
| Parenthesis ( ) | Correct | 1.00 |  |
| Multiplication \* |  |  |  |
| Addition + |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 7**

What is the value of the following expression

42 % 10

Hint - the "%" is the remainder operator

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| 4210 |  |  |  |
| 10 |  |  |  |
| 2 | Correct | 1.00 |  |
| 1042 |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 8**

What is the value in x after the following statement executes:

x = 1 + 2 \* 3 - 8 / 4

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| 2 |  |  |  |
| 5 | Correct | 1.00 |  |
| 3 |  |  |  |
| 8 |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 9**

What value be in the variable x when the following statement is executed

x = int(98.6)

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| 100 |  |  |  |
| 6 |  |  |  |
| 99 |  |  |  |
| 98 | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

**Question 10**

What does the Python raw\_input() function do?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Pause the program and read data from the user | Correct | 1.00 |  |
| Read the memory of the running program |  |  |  |
| Take a screen shot from an area of the screen |  |  |  |
| Connect to the network and retrieve a web page. |  |  |  |
| Total |  | 1.00 / 1.00 |  |