Python Programming

Chapter 8, Lesson 3 Quiz – “Input Validation with try/except”

1. **If you pass a string that does not contain a valid integer or floating point number into the int() or float() functions, what will happen?**
    a. You will receive a ValueError exception at runtime
    b. Both functions will return 0
    c. Both functions will produce random output
    d. Both functions will return the length of the input string

2. **When using try / except to protect risky code, where should you place statements that are likely to throw a runtime exception?**
    a. Indented underneath the "try" statement
    b. Indented underneath the "except" statement
    c. Before the "try" statement
    d. After the indented block of "except" statements

3. **Consider the code below. When it runs, if the user enters a valid integer at the first input() prompt, but an invalid floating point number for the second input prompt, which print() statements will display on the screen?**

```
try:

    intAnswer    = int(input("Enter an integer: "))

    print("Stage 1")

    floatAnswer  = float(input("Enter a floating point number: "))

    print("Stage 2")

except:

    print("OOPS")
```

    a. "Stage 1" and "OOPS"
    b. "Stage 1", "Stage 2" and "OOPS"
    c. "OOPS"
    d. "Stage 1" and "Stage 2"

4. **If you want to ensure user input is both numeric and within a specific range, which of the following types of code should be used in the validation?**
    a. Both conditional logic and try / except protection
    b. Conditional logic only
    c. try / except protection only
    d. It's not possible to restrict numeric input to a range

5. **Why might you use a "while True:" loop to surround your user input and validation logic?**
    a. You want to loop until the user successfully enters valid input, and then your logic will break out of the loop
    b. You want to ask the user for input and repeat the process forever
    c. You want to ask the user for input exactly one time
    d. You want to give the user 3 chances to give valid input