Java i/o - reading inputs in Java

MCQs

Q1- The purpose of hasNextInt is:
a. to check that the input is a Whole number
b. to check that the input is a number with a decimal point c
c. to check that the input is text
d. to check that the input is a True / False value

Q2- To use the scanner class you need to import
a. java.io.file
b. java.io.Scanner
c. java.util.file
d. java.util.Scanner

Q3- To break a string apart a scanner needs a _____
a. delimiter
b. unlimiter
c. text separator
d. text divider

Q4- What will happen when the code below is run?

```
Scanner userInput = new Scanner (System.in);
System.out.println ("How old are you?");
int age = userInput.nextInt();
System.out.println (age + " is a very good age to be!");

The user enters "Sixteen"
```

a. Exception (user has entered the wrong data type)
b. Compile error
c. "Sixteen is a very good age to be!"gets displayed
d. "16 is a very good age to be!"gets displayed

Q5- What does the following code output?

```
String input = "1 fish 2 fish red fish blue fish";
Scanner s = new Scanner(input).useDelimiter("\\s*fish\\s*");
System.out.println(s.nextInt());
System.out.println(s.nextInt());
System.out.println(s.next());
System.out.println(s.next());
s.close();
```

a. 1
    2
    red
    blue
b. 1 fish
    2 fish
    red fish
    blue fish
c. Garbage output
d. Compile error

Answers:

1.a) to check that the input is a Whole number
2.d) java.util.Scanner
3.a) delimiter
4.a) Exception (user has entered the wrong data type)
5.a) 1
        2
        red
        blue