

Test: Section 3 Quiz 2 - L3-L5

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 3 - Quiz 2 L3-L5

(Answer all questions in this section)

1. A short data type can be promoted to which of the following types?



Mark for Review
(1) Points

(Choose all correct answers)

- ☐ long (*)
- ☒ byte
- ☒ int (*)
- ☒ double (*)
- ☐ boolean

 Incorrect. Refer to Section 3 Lesson 4.

2. What is the correct way to cast a long to an int?



Mark for Review
(1) Points

- ☒ `int longToInt = (int)20L; (*)`
- ☐ `int longToInt = int 20L;`
- ☐ `int longToInt = 20L(int);`
- ☐ `int longToInt = 20L;`

 Correct

3. A double with the value of 20.5 is cast to an int. What is the value of the int?



Mark for Review
(1) Points

- ☒ 20 (*)
- ☐ 20.5
- ☐ 25
- ☐ 21

 Correct

4. The Java compiler automatically promotes byte, short, and chars data type values to int data type.



Mark for Review
(1) Points

- ☐ True (*)
- ☒ False

 Incorrect. Refer to Section 3 Lesson 4.

5. When the result of an expression is assigned to a temporary memory location, what is the size of memory allocated?



Mark for Review
(1) Points

- ☐ The size of the largest data type used in the expression. (*)
- ☒ The size of the any data type used in the expression.

- ☐ A default size is allocated.
- ☐ The size of the smallest data type used in the expression.

 Incorrect. Refer to Section 3 Lesson 4.

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6. Which exception occurs because a String cannot be parsed as an int?



Mark for Review
(1) Points

- ☐ NumberFormatException (*)
- ☐ ArithmeticException
- ☐ NullPointerException
- ☒ ValueNotFoundException

 Incorrect. Refer to Section 3 Lesson 4.

7. Char data types cannot handle multiple characters.



Mark for Review
(1) Points

- ☒ True (*)
- ☐ False

 Correct

8. In Java, char is a primitive data type, while String is an object data type.



Mark for Review
(1) Points

- ☒ True (*)
- ☐ False

 Correct

9. char is the primitive textual data type in Java.



Mark for Review
(1) Points

- ☒ True (*)
- ☐ False

 Correct

10. An Object cannot have String objects as properties.



Mark for Review
(1) Points

- ☐ True

☐ False (*)

☒ Correct

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(Answer all questions in this section)

11. The print() method prints to the console and automatically creates a line.



Mark for Review
(1) Points

☐ True

☒ False (*)

☒ Correct

12. Which is the correct declaration for a char data type?



Mark for Review
(1) Points

☐ char size = "M";

☐ char size = 'Medium';

☐ char size = "Medium";

☒ char size = 'M'; (*)

☒ Correct

13. The Scanner class accepts input in which form?



Mark for Review
(1) Points

☒ Tokens (*)

☐ Callables

☐ Integer

☐ Future

☒ Correct

14. The Scanner class considers space as the default delimiter while reading the input.



Mark for Review
(1) Points

☐ True (*)

☒ False

☒ Incorrect. Refer to Section 3 Lesson 5.


15. It's best-practice to close the Scanner stream when finished



Mark for Review
(1) Points

☐ True (*)

☒ False

 Incorrect. Refer to Section 3 Lesson 5.

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