Review Test Submission: Quiz 1

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| --- | --- |
| User | William Hubenschmidt |
| Course | CPS 261: Advanced Java Concepts Section D01 Winter 2021 |
| Test | Quiz 1 |
| Started | 1/19/21 1:06 PM |
| Submitted | 1/19/21 1:40 PM |
| Status | Completed |
| Attempt Score | 0 out of 0 points |
| Time Elapsed | 33 minutes |
| Results Displayed | All Answers, Submitted Answers, Correct Answers, Feedback, Incorrectly Answered Questions |

* **Question 1**

0 out of 0 points

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| Correct | All Exception classes and the Error class are derived from this class |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | CorrectD.  Throwable | | Answers: | A.  Exception | |  | B.  RuntimeException | |  | C.  Serializable | |  | CorrectD.  Throwable | |  |  |  |

* **Question 2**

0 out of 0 points

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| Correct | All Exceptions derived from this class are considered "Unchecked" and the compiler will not force you to write an special code to deal with this Exception. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | CorrectD.  RuntimeException | | Answers: | A.  ArithmeticException | |  | B.  Exception | |  | C.  Throwable | |  | CorrectD.  RuntimeException | |  |  |  |

* **Question 3**

0 out of 0 points

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| Incorrect | Analyze the following code: |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect  The program displays NumberFormatException followed by RuntimeException. | | Answers: | The program displays NumberFormatException. | |  | The program displays NumberFormatException followed by RuntimeException. | |  | The program displays RuntimeException. | |  | Correct  The program has a compile error. | |  |  |  |

* **Question 4**

0 out of 0 points

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| Correct | [Click here to see the Exceptions Shared Example](https://blackboard.wccnet.edu/bbcswebdav/pid-7048774-dt-content-rid-13555410_1/xid-13555410_1)[Open this document with ReadSpeaker docReader](https://blackboard.wccnet.edu/webapps/rs-readspeaker-bb_bb60/open2.jsp?cid=cafji&lang=en_us&url=https%3A%2F%2Fblackboard.wccnet.edu%2Fbbcswebdav%2Fpid-7048774-dt-content-rid-13555410_1%2Fxid-13555410_1&rsurl=https%3A%2F%2Fdocreader.readspeaker.com%2Fdocreader%2F&course_id=_95991_1)  What is the output if the user enters in: 1 |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | CorrectB.  Array | | Answers: | A.  NullPointer | |  | CorrectB.  Array | |  | C.  Exception | |  | D.  RuntimeException | |  |  |  |

* **Question 5**

0 out of 0 points

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| Incorrect | [Click here to see the Exceptions Shared Example](https://blackboard.wccnet.edu/bbcswebdav/pid-7048774-dt-content-rid-13555410_1/xid-13555410_1)[Open this document with ReadSpeaker docReader](https://blackboard.wccnet.edu/webapps/rs-readspeaker-bb_bb60/open2.jsp?cid=cafji&lang=en_us&url=https%3A%2F%2Fblackboard.wccnet.edu%2Fbbcswebdav%2Fpid-7048774-dt-content-rid-13555410_1%2Fxid-13555410_1&rsurl=https%3A%2F%2Fdocreader.readspeaker.com%2Fdocreader%2F&course_id=_95991_1)  What is the output if the user enters in: 2 |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | IncorrectB.  RuntimeException | | Answers: | CorrectA.  NullPointer | |  | B.  RuntimeException | |  | C.  Array | |  | D.  Exception | |  |  |  |

* **Question 6**

0 out of 0 points

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| Incorrect | [Click here to see the Exceptions Shared Example](https://blackboard.wccnet.edu/bbcswebdav/pid-7048774-dt-content-rid-13555410_1/xid-13555410_1)[Open this document with ReadSpeaker docReader](https://blackboard.wccnet.edu/webapps/rs-readspeaker-bb_bb60/open2.jsp?cid=cafji&lang=en_us&url=https%3A%2F%2Fblackboard.wccnet.edu%2Fbbcswebdav%2Fpid-7048774-dt-content-rid-13555410_1%2Fxid-13555410_1&rsurl=https%3A%2F%2Fdocreader.readspeaker.com%2Fdocreader%2F&course_id=_95991_1)  What is the output if the user enters in: 3  **Assume there is no file named non\_existent\_file** |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | IncorrectB.  NullPointer | | Answers: | A.  Array | |  | B.  NullPointer | |  | C.  RuntimeException | |  | CorrectD.  Exception | |  |  |  |

* **Question 7**

0 out of 0 points

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| Correct | [Click here to see the Exceptions Shared Example](https://blackboard.wccnet.edu/bbcswebdav/pid-7048774-dt-content-rid-13555410_1/xid-13555410_1)[Open this document with ReadSpeaker docReader](https://blackboard.wccnet.edu/webapps/rs-readspeaker-bb_bb60/open2.jsp?cid=cafji&lang=en_us&url=https%3A%2F%2Fblackboard.wccnet.edu%2Fbbcswebdav%2Fpid-7048774-dt-content-rid-13555410_1%2Fxid-13555410_1&rsurl=https%3A%2F%2Fdocreader.readspeaker.com%2Fdocreader%2F&course_id=_95991_1)  What is the output if the user enters in: 4 |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | CorrectA.  RuntimeException | | Answers: | CorrectA.  RuntimeException | |  | B.  NullPointer | |  | C.  Array | |  | D.  Exception | |  |  |  |

* **Question 8**

0 out of 0 points

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| Correct | [Click here to see the Exceptions Shared Example](https://blackboard.wccnet.edu/bbcswebdav/pid-7048774-dt-content-rid-13555410_1/xid-13555410_1)[Open this document with ReadSpeaker docReader](https://blackboard.wccnet.edu/webapps/rs-readspeaker-bb_bb60/open2.jsp?cid=cafji&lang=en_us&url=https%3A%2F%2Fblackboard.wccnet.edu%2Fbbcswebdav%2Fpid-7048774-dt-content-rid-13555410_1%2Fxid-13555410_1&rsurl=https%3A%2F%2Fdocreader.readspeaker.com%2Fdocreader%2F&course_id=_95991_1)  What is the output if the user enters in: 5 |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | CorrectA.  Exception | | Answers: | CorrectA.  Exception | |  | B.  Array | |  | C.  NullPointer | |  | D.  RuntimeException | |  |  |  |

* **Question 9**

0 out of 0 points

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| Correct | Most of the exceptions related to Input/Output are derived from this exception. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | CorrectA.  IOException | | Answers: | CorrectA.  IOException | |  | B.  RuntimeException | |  | C.  FileNotFoundException | |  | D.  EofException | |  |  |  |

* **Question 10**

0 out of 0 points

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| Incorrect | Suppose you enter 34.3, the ENTER key, 57.8, the ENTER key, abc, the Enter key. Analyze the following code.    1 Scanner input = new Scanner(System.in);   2 double v1 = input.nextDouble();     3 double v2 = input.nextDouble();   4 String line = input.nextLine(); |  |  |  |
| |  |  | | --- | --- | | Selected Answers: | Incorrect  After line 4 is executed, line contains character "abc". | | Answers: | After line 4 is executed, line contains character "abc". | |  | Correct  After line 2 is executed, v1 is 34.3. | |  | Correct  After line 3 is executed, v2 is 57.8. | |  | Correct  After line 4 is executed, line contains an empty string. | |  | After line 4 is executed, line is null. | |  |  |  |

* **Question 11**

0 out of 0 points

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| Correct | Suppose you enter 34.3 57.8 789, then press the ENTER key. Analyze the following code.  Scanner input = new Scanner(System.in); double v1 = input.nextDouble(); double v2 = input.nextDouble(); String line = input.nextLine(); |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  After the last statement is executed, line contains characters ' ', '7', '8', '9'. | | Answers: | After the last statement is executed, line contains characters '7', '8', '9'. | |  | After the last statement is executed, line contains characters ' ', '7', '8', '9', '\n'. | |  | After the last statement is executed, line contains characters '7', '8', '9', '\n'. | |  | Correct  After the last statement is executed, line contains characters ' ', '7', '8', '9'. |  |  |  | | --- | --- | | Response Feedback: | See discussions in Section 12.11.3. | |  |  |  |

* **Question 12**

0 out of 0 points

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| Incorrect | This class can be constructed to create an InputStream class that is associated with a file open for reading. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | IncorrectA.  FileReader | | Answers: | A.  FileReader | |  | B.  Input | |  | C.  Stream | |  | CorrectD.  FileInputStream | |  |  |  |

* **Question 13**

0 out of 0 points

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| Incorrect | This class can be constructed to create an OutputStream class that is associated with a **file open for writing** |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | IncorrectA.  FileWriter | | Answers: | A.  FileWriter | |  | B.  File | |  | C.  OutputStream | |  | CorrectD.  FileOutputStream | |  |  |  |

* **Question 14**

0 out of 0 points

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|  |  | | | |
| Correct | This class has methods that allow you to create directories, delete files, and rename files. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | CorrectC.  File | | Answers: | A.  fileSystem | |  | B.  Directory | |  | CorrectC.  File | |  | D.  FileSystem | |  |  |  |

* **Question 15**

0 out of 0 points

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| Correct | This class provides buffering for OutputStreams. This class has a lot of overloaded methods named either print or println. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | CorrectC.  PrintStream | | Answers: | A.  WriteStream | |  | B.  FileStream | |  | CorrectC.  PrintStream | |  | D.  Writer | |  |  |  |

* **Question 16**

0 out of 0 points

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| Correct | This interface contains no methods. However, implementing this interface in a class makes it possible to write the class to an ObjectOutputStream. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | CorrectC.  Serializable | | Answers: | A.  Writeable | |  | B.  Streamable | |  | CorrectC.  Serializable | |  | D.  Comparable | |  |  |  |

* **Question 17**

0 out of 0 points

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| Incorrect | This low level abstract class is used for reading a stream of bytes |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | IncorrectA.  Reader | | Answers: | A.  Reader | |  | B.  ObjectInputStream | |  | C.  FileInputStream | |  | CorrectD.  InputStream | |  |  |  |

* **Question 18**

0 out of 0 points

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| Correct | This low level abstract class is used for reading a stream of "char"s |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | CorrectC.  Reader | | Answers: | A.  FileInputStream | |  | B.  FileReader | |  | CorrectC.  Reader | |  | D.  InputStream | |  |  |  |

* **Question 19**

0 out of 0 points

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|  |  | | | |
| Correct | This low level abstract class is used for writing a stream of "char"s |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | CorrectA.  Writer | | Answers: | CorrectA.  Writer | |  | B.  Output | |  | C.  WriteStream | |  | D.  OutputStream | |  |  |  |

* **Question 20**

0 out of 0 points

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| Correct | What exception type does the following program throw? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  NullPointerException | | Answers: | ArithmeticException | |  | ArrayIndexOutOfBoundsException | |  | StringIndexOutOfBoundsException | |  | ClassCastException | |  | Correct  NullPointerException | |  |  |  |

* **Question 21**

0 out of 0 points

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|  |  | | | |
| Correct | What is displayed on the console when running the following program? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  Welcome to Java followed by The finally clause is executed in the next line | | Answers: | Correct  Welcome to Java followed by The finally clause is executed in the next line | |  | The finally clause is executed | |  | Welcome to Java | |  | None of these |  |  |  | | --- | --- | | Response Feedback: | The return statement exits the method, but before exiting the method, the finally clause is executed. | |  |  |  |

* **Question 22**

0 out of 0 points

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| Incorrect | What is displayed on the console when running the following program? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect  The program displays three lines: Welcome to Java, Welcome to HTML, The finally clause is executed, then an error message. | | Answers: | Correct  Welcome to Java followed by The finally clause is executed in the next line, then an error message. | |  | The program displays three lines: Welcome to Java, Welcome to HTML, The finally clause is executed, then an error message. | |  | Welcome to Java, then an error message. | |  | None of these | |  |  |  |

* **Question 23**

0 out of 0 points

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|  |  | | | |
| Correct | Which class contains the method for checking whether a file exists? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  File | | Answers: | Correct  File | |  | PrintWriter | |  | Scanner | |  | System | |  |  |  |

* **Question 24**

0 out of 0 points

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| Incorrect | Which class do you use to read data from a text file? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect  File | | Answers: | File | |  | PrintWriter | |  | Correct  Scanner | |  | System | |  |  |  |

* **Question 25**

0 out of 0 points

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| --- | --- | --- | --- | --- |
|  |  | | | |
| Incorrect | Which methods can be used to create an output object for file temp.txt? |  |  |  |
| |  |  | | --- | --- | | Selected Answers: | Correct  new PrintWriter(new File("temp.txt")) | | Answers: | new PrintWriter(temp.txt) | |  | Correct  new PrintWriter("temp.txt") | |  | new PrintWriter(File("temp.txt")) | |  | Correct  new PrintWriter(new File("temp.txt")) | |  |  |  |

* **Question 26**

0 out of 0 points

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| Incorrect | Which of the following returns the path separator character? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect  None of these | | Answers: | Correct  File.pathSeparatorChar | |  | File.pathSeparator | |  | File.separatorChar | |  | File.separator | |  | None of these | |  |  |  |

* **Question 27**

0 out of 0 points

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| Correct | Which of the following statements are true? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  None of these | | Answers: | If a directory (e.g., c:\liang) does not exist, new File("c:\liang") creates a new directory named c:\liang. | |  | If a file (e.g., c:\temp.txt) does not exist, new File("c:\\temp.txt") creates a new file named c:\temp.txt. | |  | If a directory (e.g., c:\liang) does not exist, new File("c:\liang") returns null. | |  | If a file (e.g., c:\temp.txt) does not exist, new File("c:\\temp.txt") returns null. | |  | Correct  None of these | |  |  |  |

* **Question 28**

0 out of 0 points

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|  |  | | | |
| Incorrect | Which of the following statements creates an instance of File on Window for the file c:\temp.txt? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect  new File("c:/temp.txt") | | Answers: | new File("c://temp.txt") | |  | new File("c:/temp.txt") | |  | Correct  new File("c:\\temp.txt") | |  | new File("c:\temp.txt") | |  |  |  |