

Computer Science Contest #0910-10 Key

January 23, 2010

- |                                      |                                 |
|--------------------------------------|---------------------------------|
| 1) B                                 | 21) D                           |
| 2) B                                 | 22) E – all of the options work |
| 3) E – cannot assign double to float | 23) A                           |
| 4) D                                 | 24) E                           |
| 5) E – cannot index with a long      | 25) C                           |
| 6) A                                 | 26) A                           |
| 7) D                                 | 27) E                           |
| 8) D                                 | 28) D                           |
| 9) D                                 | 29) B                           |
| 10) C                                | 30) B                           |
| ■                                    | ■                               |
| 11) A                                | 31) B                           |
| 12) A                                | 32) A                           |
| 13) D                                | 33) E                           |
| 14) B                                | 34) D                           |
| 15) D                                | 35) D                           |
| 16) C                                | 36) E                           |
| 17) E                                | 37) C                           |
| 18) B                                | 38) A                           |
| 19) B                                | 39) B                           |
| 20) E                                | 40) D                           |
| ■                                    | ■                               |

**Note to Graders:**

- All provided code segments are intended to be syntactically correct, unless otherwise stated (e.g. error is an answer). **Ignore any typographical errors.**
- Any necessary Standard Java 2 Packages are assumed to have been imported as needed.
- Assume any undefined (undeclared) variables have been defined as used.