[30 points total]

1. [6 points]

if (n < 10 || n > 20 {

throw new IllegalArgumentException();

}

2 points for correct logic

4 points for throwing exception correctly

(-2 if they forgot "new")

2. [7 points]

for (int i = 1; i <= 100; i++) {

try {

valueChecker(i);

} catch(IllegalArgumentException e) {

System.out.println("EXCEPTION");

}

}

1 point for loop

2 points for try block wrapping method call

4 points for catch block that contains the right

statement

[-2 if they didn't declare the variable e correctly]

3. [17 points]

public static String[] reverse(String[] a) {

String[] b = new String[a.length];

for (int i = 0; i < a.length; i++) {

b[i] = a[a.length - i - 1];

}

return b;

}

3 points for the prototype

4 points for declaring new array of correct size

3 points for a good looking for loop

5 points for the correct assignment

(-2 if they are "off by 1")

2 point for return statement