

## Coursera R Programming WEEK 2 test 2 Solutions

### 1.

#### Question 1

What value is returned by the following call to `pollutantmean()`? You should round your output to 3 digits.

1

```
pollutantmean("specdata", "sulfate", 1:10)
```

1 / 1 point

Correct 4.064

### 2.

#### Question 2

What value is returned by the following call to `pollutantmean()`? You should round your output to 3 digits.

1

```
pollutantmean("specdata", "nitrate", 70:72)
```

1 / 1 point

Correct 1.706

### 3.

#### Question 3

What value is returned by the following call to `pollutantmean()`? You should round your output to 3 digits.

1

```
pollutantmean("specdata", "sulfate", 34)
```

1 / 1 point

Correct 1.477

### 4.

#### Question 4

What value is returned by the following call to `pollutantmean()`? You should round your output to 3 digits.

1

```
pollutantmean("specdata", "nitrate")
```

1 / 1 point

Correct 1.703

#### 5.

##### Question 5

What value is printed at end of the following code?

1

2

```
cc <- complete("specdata", c(6, 10, 20, 34, 100, 200, 310))  
print(cc$noobs)
```

1 / 1 point

Correct 228 148 124 165 104 460 232

#### 6.

##### Question 6

What value is printed at end of the following code?

1

2

```
cc <- complete("specdata", 54)  
print(cc$noobs)
```

1 / 1 point

Correct 219

#### 7.

### Question 7

What value is printed at end of the following code?

1  
2  
3  
4  
5  
6

```
RNGversion("3.5.1")  
set.seed(42)  
cc <- complete("specdata", 332:1)  
use <- sample(332, 10)  
print(cc[use, "nobs"])
```

1 / 1 point

Correct 711 135 74 445 178 73 49 0 687 237

8.

### Question 8

What value is printed at end of the following code?

1  
2  
3  
4  
5  
6

```
cr <- corr("specdata")  
cr <- sort(cr)  
RNGversion("3.5.1")  
set.seed(868)  
out <- round(cr[sample(length(cr), 5)], 4)  
print(out)
```

1 / 1 point

Correct 0.2688 0.1127 -0.0085 0.4586 0.0447

9.

Question 9

What value is printed at end of the following code?

1  
2  
3  
4  
5  
6  
7

```
cr <- corr("specdata", 129)
cr <- sort(cr)
n <- length(cr)
RNGversion("3.5.1")
set.seed(197)
out <- c(n, round(cr[sample(n, 5)], 4))
print(out)
```

1 / 1 point

Correct 243.0000 0.2540 0.0504 -0.1462 -0.1680 0.5969

10.

Question 10

What value is printed at end of the following code?

1  
2  
3  
4  
5

```
cr <- corr("specdata", 2000)
n <- length(cr)
cr <- corr("specdata", 1000)
cr <- sort(cr)
print(c(n, round(cr, 4)))
```

1 / 1 point

Correct 0.0000 -0.0190 0.0419 0.1901

