Feedback — Week 3 Quiz

Help

You submitted this quiz on **Fri 24 Jan 2014 9:43 PM GMT**. You got a score of **8.00** out of **10.00**. You can attempt again, if you'd like.

Question 1

Which of these functions opens a graphics device in R?

Your Answer		Score	Explanation
points()			
axis()			
serialize()			
postscript()	✔	1.00	
Total		1.00 / 1.00	

Question 2

Which function opens the default graphics device on Windows?

Your Answer		Score	Explanation
postscript()			
jpeg()			
windows()	✔	1.00	
xfig()			
Total		1.00 / 1.00	

Question 3

Which of the following functions is part of the base graphics system?

Your Answer		Score	Explanation
coplot()	✔	1.00	
splom()			
histogram()			
barchart()			
Total		1.00 / 1.00	

Question 4

Which of the following functions is generally used to annotate a plot in the base graphics system?

Your Answer		Score	Explanation
text()	✔	1.00	
hist()			
plot()			
barplot()			
Total		1.00 / 1.00	

Question 5

What does the 'pch' option to par() control?

Your Answer		Score	Explanation
the line width in the base graphics system			
the orientation of the axis labels on the plot			
the plotting symbol/character in the base graphics system	✔	1.00	

○ the plotting symbol/character in the lattice graphics system			
Total		1.00 / 1.00	

Question 6

Under the lattice graphics system, what do the primary plotting functions return?

Your Answer		Score	Explanation
○ an object of class 'lattice'			
○ nothing; only a plot is made			
◉ an object of class 'trellis'	✔	1.00	
○ an object of class 'plot'			
Total		1.00 / 1.00	

Question 7

What is produced by the following code?

```
library(nlme)
library(lattice)
xyplot(weight ~ Time | Diet, BodyWeight)
```

Your Answer		Score	Explanation
○ A set of 11 panels showing the relationship between weight and diet for each time.			
◉ A set of 3 panels showing the relationship between weight and time for each rat.	✖	0.00	
○ A set of 3 panels showing the relationship between weight and time for each diet.			
○ A set of 16 panels showing the relationship between weight and time for each rat.			

Total	0.00 / 1.00

Question 8

Which of the following functions can be used to annotate a panel in a multi-panel lattice plot?

Your Answer		Score	Explanation
ltext()	✔	1.00	
axis()			
points()			
mtext()			
Total		1.00 / 1.00	

Question 9

Which R code makes a plot with the Greek letter 'theta' in the title?

Your Answer		Score	Explanation
plot(0, 0, main = expression("theta")			
plot(0, 0, main = "theta")	✖	0.00	
plot(0, 0, main = expression(theta))			
plot(0, 0, main = substitute(theta))			
Total		0.00 / 1.00	

Question 10

What is produced at the end of this snippet of R code?

```
set.seed(1)
```

```
rpois(5, 2)
```

Your Answer		Score	Explanation
A vector with the numbers 1, 4, 1, 1, 5			
A vector with the numbers 3.3, 2.5, 0.5, 1.1, 1.7			
A vector with the numbers 1, 1, 2, 4, 1	✔	1.00	
It is impossible to tell because the result is random			
Total		1.00 / 1.00	