

Feedback — Quiz 3 - ****Please Note: No Grace Period****

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Thank you. Your submission for this quiz was received.

You submitted this quiz on **Thu 5 Feb 2015 5:34 AM PST**. You got a score of **5.00** out of **5.00**.

Question 1

Which of the following items is required for an R package to pass R CMD check without any warnings or errors?

Your Answer	Score	Explanation
<input type="radio"/> example data sets		
<input type="radio"/> unit tests		
<input checked="" type="radio"/> DESCRIPTION file	✓ 1.00	
<input type="radio"/> vignette		
Total	1.00 / 1.00	

Question 2

Which of the following is a generic function in a fresh installation of R, with only the default packages loaded?

Your Answer	Score	Explanation
<input checked="" type="radio"/> mean	✓ 1.00	
<input type="radio"/> lm		
<input type="radio"/> colSums		
<input type="radio"/> dgamma		
Total	1.00 / 1.00	

Question 3

What function is used to obtain the function body for an S4 method function?

Your Answer	Score	Explanation
<input type="radio"/> getClass()		
<input type="radio"/> getS3method()		
<input checked="" type="radio"/> getMethod()	✓ 1.00	
<input type="radio"/> showMethods()		
Total	1.00 / 1.00	

Question 4

Which one of the following functions must be defined in order to deploy an R function on yhat?

Your Answer	Score	Explanation
<input type="radio"/> model.load		
<input checked="" type="radio"/> model.predict	✓ 1.00	
<input type="radio"/> model.require		
<input type="radio"/> model.transform		
Total	1.00 / 1.00	

Question 5

Please download the R package [DDPQuiz3](#) from the course web site. Examine the `createmean` function implemented in the R/ sub-directory. What is the appropriate text to place above the `createmean` function for Roxygen2 to create a complete help file?

Your Answer	Score	Explanation
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☐

```
#' This function calculates the mean
#
#' @return the mean of x
#' @export
#' @examples
#' x <- 1:10
#' createmean(x)
```

☐

```
#' This function calculates the mean
#
#' @param x is a numeric vector
#' @return the mean of x
#' @export
#' @examples
#' x <- 1:10
#' createmean(y)
```

☐

```
#' This function calculates the mean
#
#' @param x is a numeric vector
#' @export
#' @examples
#' x <- 1:10
#' createmean(x)
```

☒ ✓ 1.00

```
#' This function calculates the mean
#
#' @param x is a numeric vector
#' @return the mean of x
#' @export
#' @examples
#' x <- 1:10
#' createmean(x)
```

Total 1.00 / 1.00