**Feedback — Quiz 3 - \*\*Please Note: No Grace Period\*\***[Help](https://class.coursera.org/devdataprod-006/help/quizzes?url=https%3A%2F%2Fclass.coursera.org%2Fdevdataprod-006%2Fquiz%2Ffeedback%3Fsubmission_id%3D2807)

You submitted this quiz on **Sun 26 Oct 2014 8:58 PM PDT**. You got a score of **5.00** out of **5.00**.

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**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** |
| DESCRIPTION file | Correct | 1.00 |  |
| example data sets |  |  |  |
| vignette |  |  |  |
| a demo directory |  |  |  |
| 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** |
| colSums |  |  |  |
| show | Correct | 1.00 |  |
| lm |  |  |  |
| 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** |
| showMethods() |  |  |  |
| getMethod() | Correct | 1.00 |  |
| getClass() |  |  |  |
| getS3method() |  |  |  |
| 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** |
| model.transform |  |  |  |
| model.predict | Correct | 1.00 |  |
| model.require |  |  |  |
| model.load |  |  |  |
| Total |  | 1.00 / 1.00 |  |

**Question 5**

Please download the R package [DDPQuiz3](https://d396qusza40orc.cloudfront.net/devdataprod/DDPQuiz3_1.0.zip) 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** |
| #' 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(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  #' @return the mean of x  #' @export  #' @examples  #' x <- 1:10  #' createmean(x) | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

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