←   # Quiz 3   **4/4 points (100 %)**

Cuestionario, 4 questions

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puntos

1.

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

☐   An explicit software license

Correcto
One way to answer this question is start with an existing R package and start removing things one by one.

☐   a demo directory

Deseleccionado es lo correcto

☐   unit tests

Deseleccionado es lo correcto

☐ example data sets

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Deseleccionado es lo correcto
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☐ vignette

Deseleccionado es lo correcto

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2.

Which of the following is a generic function in a fresh installation of R, with only the default packages loaded? (Select all that apply)

☐ mean

Correcto

☐ colSums

Deseleccionado es lo correcto

☐ show

Correcto

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Correcto

☐ lm

Deseleccionado es lo correcto

☐ dgamma

Deseleccionado es lo correcto

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3.

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

○ getClass()

○ getS3method()

○ showMethods()

○ getMethod()

Correcto

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4.

Please download the R package <u>DDPQuiz3</u> 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?

○
```
1   #' This function calculates the mean
2   #'
3   #' @return the mean of x
4   #' @export
5   #' @examples
6   #' x <- 1:10
7   #' createmean(x)
```

○
```
1   This function calculates the mean
2   @param x is a numeric vector
3   @return the mean of x
4   @export
5   @examples
6   x <- 1:10
7   createmean(x)
```

○
```
1   #' This function calculates the mean
2   #'
3   #' @param x is a numeric vector
4   #' @return the mean of x
5   #' @export
6   #' @examples
7   #' x <- 1:10
8   #' createmean(y)
```

○

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```
1   #' This function calculates the mean
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3   #' @param x is a numeric vector
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```

Correcto