

R-Programming MCQ-3

1. Which two data structures store data in tabular format (rows and columns)?

- a. Lists and vectors
- b. Data frames and matrices
- c. Vectors and matrices
- d. Factors and data frames

2. Which data structure is ideal for measuring the frequency of recurring values in a group of values?

- a. Data frame
- b. Vector
- c. Matrix
- d. Factor

3. _____ operator is used to create integer sequences.

- A. ;
- B. :
- C. @
- D. -

4. In R , a vector is defined that it can only contain objects of the _____

- A. Different class
- B. Same class
- C. Any class
- D. None of the above

5. In R , a vector is defined that it can only contain objects of the _____

- A. Different class
- B. Same class
- C. Any class
- D. None of the above

6. Matrices can be created by row-binding with the help of the _____ function.

- A. rjoin()
- B. rbind()
- C. rowbind()
- D. None of the above

7. What is the length of b? `b <- 2:7`

- A. 4
- B. 7
- C. 6
- D. 9

8. _____ is the function to set row names for a data frame.

- A. `row.names()`
- B. `row.namespace()`
- C. `row.nam()`
- D. None of the above

9. _____ package contains most fundamental functions to run R?

- A. `parent`
- B. `child`
- C. `root`
- D. `base`

10. What will be the output of the following R code snippet? `> paste("a", "b", sep = ":")`

- A. `a*b`
- B. `"a+b"`
- C. `"a:b"`
- D. None of the above