

Got it 

Here's your R Programming - A622 paper in proper \*\*MCQ format (A, B, C, D)\*\*:

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### \*\*R Programming - A622\*\*

\*\*Q1.\*\* What is the output of the following code?

```
```R  
data <- c(4,5,6,7,8)  
length(data)  
```
```

- A. 2
- B. 3
- C. 4
- D. 5

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\*\*Q2.\*\* Which one of the following options is not a Data structure in R?

- A. Atomic Vector
- B. Arrays
- C. Tuples
- D. Factor

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\*\*Q3.\*\* Which one of the following options is not a homogenous data structure?

- A. Factor
- B. Data Frame
- C. Array
- D. Atomic Vectors

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\*\*Q4.\*\* Sum of squared residuals (SSR) is a \\_\\_ \\_\\_ \\_\\_ \\_\\_ \\_\\_.

- A. Measure of an unexplained variance
- B. Measure of the total variation in Y
- C. Measure of an explained variance
- D. Measure of minimum variation in Y

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\*\*Q5.\*\* The values of R-square lies between

\\_\\_ \\_\\_ \\_\\_ \\_\\_ \\_\\_ \\_\\_ \\_\\_ \\_\\_ \\_\\_ \\_\\_ \\_\\_ \\_\\_ \\_\\_ \\_\\_.

- A. \([-1,1]
- B. \([0,1]
- C. \([0,8)
- D. (-8,0]

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\*\*Q6.\*\* What is logistic regression used for?

- A. Binary Classification
- B. Multi-Classification
- C. Not used for Classification
- D. None of these

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\*\*Q7.\*\* What should you do to find the best model for support vector machines?

- A. Maximize the margin

- B. Minimize the margin
- C. Increase support vectors
- D. Decrease data points

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\*\*Q8.\*\* What is the effect of reducing minimum confidence criteria?

- A. Number of association rules remains same
- B. Some association rules will add to the current set of association rules
- C. Some association rules become invalid while others might become a rule
- D. Cannot say

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\*\*Q9.\*\* Supervised learning and unsupervised clustering both require at least one                 .

- A. Hidden attribute
- B. Output attribute
- C. Input attribute
- D. Categorical attribute

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\*\*Q10.\*\* Identify the term that describes when the independent variables in a multiple regression model are correlated.

- A. Regression
- B. Correlation
- C. Multi-collinearity
- D. Non-collinearity

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\*\*Q11.\*\* What is the output of the following code?

```
```R
Age <- 20
if (Age > 18) {
  print ("Major")
} else {
  print("Minor")
}```
```

- A. Major
- B. Minor
- C. Code Wrong
- D. None of these

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\*\*Q12.\*\* What is the output of the following code?

```
```R
Data <- c(2,4,6,8,10)
for (i in data) {
  print (i^2)
}```
```

- A. 2 4 6 8 10
- B. 4 8 12 16 20
- C. 4 8 14 16 20
- D. 2 8 14 16 22

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\*\*Q13.\*\* `\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_` command can be invoked to run an R script from the command line.

- A. R file()
- B. R Console()
- C. R script()
- D. R Data()

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\*\*Q14.\*\* A `\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_` is a code to execute specific task.

- A. Function
- B. Command
- C. Block
- D. Data

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\*\*Q15.\*\* Which function converts a string from lower case to upper case?

- A. tolower()
- B. toupper()
- C. toLower()
- D. toUpper()