Perfect ✅
I'll rewrite your **R Programming - A622** questions into proper **MCQs format with options A, B, C, D**:

R Programming - A622

Q1. Supervised learning and unsupervised clustering both require at least one _____.
A. Hidden attribute
B. Output attribute
C. Input attribute
D. Categorical attribute

Q2. 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

Q3. 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

Q4. 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

Q5. _____ 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()

Q6. A _____ is a code to execute specific task.
A. Function
B. Command
C. Block
D. Data

Q7. Which function converts a string from lower case to upper case?
A. tolower()
B. toupper()
C. toLower()
D. toUpper()

Q8. 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

Q9. Which one of the following options is not a Data structure in R?
A. Atomic Vector
B. Arrays
C. Tuples
D. Factor

Q10. Which one of the following options is not a homogenous data structure?
A. Factor
B. Data Frame
C. Array
D. Atomic Vectors

Q11. 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

Q12. The values of R-square lies between
_____.
A. $[-1,1]$
B. $[0,1]$
C. $[0,8)$

D. (-8,0]

Q13. What is logistic regression used for?
A. Binary Classification
B. Multi-Classification
C. Not used for Classification
D. None of these

Q14. 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

Q15. 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