1. Function used to load the package in memory/project of R is
   1. import()
   2. load.packages()
   3. **library()**
   4. None
2. install() is used to install the package in the memory/R environment?
   1. True
   2. **False**
3. R Studio has basically\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ window sessions.
   1. 2/Two
   2. **4/Four**
   3. 3/Three
   4. 1/One
4. Function used to get the project working directory/folder?
5. cd()
6. pwd()
7. show()
8. **getwd()**
9. function used to create vectors in R?
10. t()
11. **c()**
12. class()
13. None
14. Which command is correct to create numeric (1,2,3,4,5,6) vectors in R
15. c(‘1’,’2’,’3’,’4’,’5’,’6’)
16. **c(1,2,3,4,5,6)**
17. c(1L,2L,3L,4L,5L,6L)
18. None
19. Function used show the class of basic data types?
    1. print()
    2. **class()**
    3. show()
    4. c()
20. Operator used to create range of values i.e. 1:10?
    1. **Colon (:) operator**
    2. Special operator
    3. Semicolon(;) operator
    4. None
21. Function used to create sequence of number with specified increment/decrement values?
    1. **seq(from=, to=, by=)**
    2. seq(from=, to=, length.out=)
    3. seq(from=, to=, increment\_by=)
    4. None
22. Special variable/function **letters** used to get the small letter alphabets vectors directly?
    1. **True**
    2. False
23. Let’s assume num <- c(10,20,30,40,50) is numeric vector, need to access the 2nd element from vector which statement is correct?
    1. **num[2]**
    2. num[1:2]
    3. num[]
    4. None
24. Function used to sort the vector elements?
    1. c()
    2. **sort()**
    3. print()
    4. None

1. Function used to get absolute values of the vectors?
2. print()
3. **abs()**
4. prod()
5. sum()
6. Operators to check the elementwise conditions in R?
7. Condition
8. **Relational operators**
9. Filter
10. None
11. Matrix data structures has only one indexes?
    1. True
    2. **False**
12. Function used to get the dimension of Matrix/DataFrame?
    1. nrow()
    2. ncol()
    3. **dim()**
    4. None
13. Operator used to access the variable/column of DataFrame?
    1. **$(dollor)**
    2. #(hash)
    3. .(dot)
    4. None
14. Matrix element are arranged on column basis by specifying byrow=TRUE?
    1. True
    2. **False**
15. Combining two same matrixing by row using rbind() function in R?
    1. **True**
    2. False
16. List is collections of all types of data & data structures in R?
    1. **True**
    2. False
17. True Matrix multiplication perform with special operator
    1. **%\*%**
    2. %/%
    3. %in%
    4. None
18. Function used to transpose of the Matrix/DataFrame in R?
    1. **t()**
    2. T()
    3. c()
    4. None
19. Function used to read comma separated values in R?
    1. **read.csv()**
    2. read\_csv()
    3. read.xls()
    4. None
20. Function to display the structure of DataFrame/List?
    1. **str()**
    2. summary()
    3. describe()
    4. None
21. Function to get quick summary of DataFrame?
    1. describe()
    2. **summary()**
    3. table()
    4. None
22. Function to split the Dataframe based on specified column name?
    1. **split()**
    2. subset()
    3. get()
    4. None
23. tail() functions to display records/observation from Top of the dataframe?
    1. True
    2. **False**
24. The Following function is used to print first 6 records of the dataset
    1. **head**
    2. tail
    3. start
    4. initial
25. Function used to display the value of any variables (Multiple Selection)?
    1. **print()**
    2. **View()**
    3. display()
    4. get()
26. Function used show the value of variable.
    1. **print()**
    2. class()
    3. show()
    4. c()
27. Function used to display the data in Excel like format
    1. print()
    2. display()
    3. **View()**
    4. None
28. Functions used to count the frequency of Factor/Character data?
    1. **table()**
    2. freq()
    3. count()
    4. None
29. Function to subset the data from Dataframe based on conditions?
    1. split()
    2. **subset()**
    3. get()
    4. None
30. which command is correct to create Integer (10,20,30,40,50,60) vectors in R
31. c(‘10’,’20’,’30’,’40’,’50’,’60’)
32. c(10,20,30,40,50,60)
33. **c(10L,20L,30L,40L,50L,60L)**
34. None
35. A variable name can only contain alpha-numeric characters and underscores (A-z, 0-9, and \_ )
    1. **True**
    2. False
36. Select software required to write & run R Code. (Multiple choice)
    1. **R**
    2. Notebook
    3. **R Studio**
    4. Visual Studio
37. Select most common data structures are available in R (Multiple choice)
    1. **Vector**
    2. **Matrix**
    3. **DataFrame**
    4. Integer
38. Function used to display values of the vectors or any variables in R?
    1. **print()**
    2. abs()
    3. prod()
    4. sum()
39. Function to display top records from R DataFrame?
    1. **head()**
    2. print()
    3. tail()
    4. None
40. haven package/library used to read SPSS/SAV file in R Code.
    1. **True**
    2. False
41. which command is correct to create character (‘A’,’B’,’C’,’D’,’E’,’F’) vectors in R
42. **c(‘A’,’B’,’C’,’D’,’E’,’F’)**
43. c(A,B,C,D,E,F)
44. c(AL,BL,CL,DL,EL,FL)
45. None
46. To define comments in R \_\_\_\_\_\_\_\_\_\_\_\_\_ operator/symbol used
    1. //
    2. **#**
    3. /\*….\*/
    4. None
47. setwd() functions to get the current working directly for R Project.
    1. False
    2. True
48. Identify the commonly used variable assignment operators in R (Multiple Choice)
    1. =
    2. <-
    3. ==
    4. +
49. Identify the R data structure which allows to combine mixed kind of data.
    1. Vector
    2. List
    3. Matrix
    4. Data Frame
50. Find out the errors in given R code

**fruits\_vector <- c("Apple", "Banana", "Orange")**

**num\_list <- 1:50**

**data <- list(fruits\_vector, num\_list)**

**data[[1]][2]**

1. List creation is not correct
2. Missing square brackets [ ]
3. Wrong indexes
4. Display output
5. Function to create a vectors in R
   1. Combine function
   2. Create function
   3. Make function
   4. None
6. cbind() function helps to combine \_\_\_\_\_\_\_\_\_\_\_\_ for two Data frame.
   1. Rows
   2. Columns
   3. Data Frame
   4. None
7. Vector data structure needed ROW INDEX and COLUMN INDEX to access the elements from a list
   1. True
   2. False
8. Dollar($) symbols used to access multiple columns together in R DataFrame.
   1. True
   2. False
9. table() & prop.table() function helps to calculate the frequency for the categorical values for selected column.
   1. True
   2. False
10. Summary function is commonly used function to print the summary of numeric, categorical, regression, time series data.
    1. False
    2. True