

- Q. 1 (A) Explain the R command to import the .txt file. 05
 (B) What is a data frame in R? 05

OR

- Q.1 (A) Explain the output of the summary () command in R. 05
 (B) Write an R code to test the homogeneity of two variances. 05
 Q. 2 (A) Write R code to test the hypothesis $H_0: \mu = 25$ against $H_1: \mu > 25$. Use the variable as Score. 05
 (B) Write R code for a t-test for paired data. 05

OR

- Q. 2 (A) Write a command to create a vector named Scores using the following data: 05
 20, 24, 36, 45, 29, 38, 28, 24, 35, 37, 40, 47.
 (B) Write the command to get the summary of Scores. 05

- Q. 3 **Attempt any Five questions.** 05

1. Write R Code to import the .csv file.
2. Write R Code to plot a histogram. (Use the variable as Scores).
3. Write R Code to plot a boxplot. (Use the variable as Height)
4. Write R Code to create a vector named SES with data as follows:
5. LES, MES, HES, LES, HES, LES, MES, MES, HES.
6. Write R Code to create a vector of numbers from 1 to 10.
7. Write R Code to get bottom six rows of a data frame.
