

OR

7. Explain about following with example:
a) Merging two lists
b) Converting lists to vectors
c) Extending data frame
d) Sorting data frame. [10]

- 8.a) Explain how to create functions in R.
b) Explain in detail about mathematical functions in R. [5+5]

OR

9. Discuss in detail about Iterative Programming in R with example. [10]

10. Explain the following:
a) Wavelet Transforms
b) Principal Component Analysis. [5+5]

OR

11. Describe about pixel-orientation visualization techniques. [10]

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