

Code No: 138GT

**R16**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B. Tech IV Year II Semester Examinations, December - 2020**

**R PROGRAMMING**

**(Electronics and Communication Engineering)**

**Time: 2 Hours**

**Max. Marks: 75**

**Answer any Five Questions  
All Questions Carry Equal Marks**

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1. Elaborate the steps in installing R in windows OS. [15]
2. Discuss various arithmetic operators and logical operators in R. [15]
3. Illustrate how to define and call a function in R using an example program in R. [15]
4. How to add and delete vector elements in R programming? Illustrate with an example. [15]
5. With sample script in R, explain various operations performed using list. [15]
6. Explain various matrix operations performed in R using sample script. [15]
7. List and explain various mathematical functions available in R programming. [15]
8. Describe the generic functions and methods for classes in S. [15]

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