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| **Sr. no.** | **Program Name** | **R1** | **R2** | **R3** | **R4** | **R5** | **Total Marks** | **Signature** |
| 1. | Introduction to Scilab. |  |  |  |  |  |  |  |
| 2. | Write a program in Scilab to Calculate Frequency Reuse Distance ,Co-Channel Interference reduction factor, Cellular System Capacity, S/I Ratio for a given variables. |  |  |  |  |  |  |  |
| 3. | Write a program in Scilab to Calculate maximum traffic intensity and maximum number of users accomodated in Erlang B and Erlang C system for given no of channels. |  |  |  |  |  |  |  |
| 4. | Write a Program in Scilab to calculate Bit Error rate performance of BPSK modulated signal over only AWGN channel and AWGN and Rayleigh channel both. |  |  |  |  |  |  |  |
| 5. | Program in Scilab to Generate Walsh Codes and then spread the user information using it. |  |  |  |  |  |  |  |
| 6. | Write a program in scilab to Generate PN Sequence for CDMA Systems. |  |  |  |  |  |  |  |
| 7. | Write a Program in NS3 to connect WIFI TO BUS (CSMA) Network. |  |  |  |  |  |  |  |
| 8. | Write a Program in NS3 to create WIFI Network in SIMPLE INFRASTRUCTURE  MODE (of nodes) |  |  |  |  |  |  |  |
| 9. | Write a Program in NS3 to Create a wireless mobile ad-hoc network between three nodes. |  |  |  |  |  |  |  |