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|  | | **SRM Institute of Science and Technology**  **Kattankulathur** |  |
| **DEPARTMENT OF MEATHEMATICS** |
| **18MAB102T ADVANCED CALCULUS & COMPLEX ANALYSIS** |
| **UNIT -III Laplace Transform**  **Tutorial Sheet -1** |
| **Sl.No.** | | **Questions** | **Answer** |
| **Part - A** | | | |
| **1** | **Find** | |  |
| **2** | **Find ,** if | |  |
| **3** | **Find** | |  |
| **4** | **Find** | |  |
| **5** | **Evaluate** | |  |
| **Part - B** | | | |
| **6** | **Find** | |  |
| **7** | **Find** | |  |
| **8** | **Find** | |  |
| **9** | **Verify initial and final value theorem for the function** | |  |
| **10** | **Verify initial and final value theorem for the function** | |  |

**Co-Ordinators : Dr.Sundarammal Kesavan, Dr.V.Srinivasan, Dr.N.Parvathi , Dr.N.Balaji**