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|  | | **SRM Institute of Science and Technology**  **Kattankulathur** |  |
| **DEPARTMENT OF MEATHEMATICS** |
| **18MAB102T ADVANCED CALCULUS & COMPLEX ANALYSIS** |
| **UNIT -3 Laplace Transforms**  **Tutorial Sheet -2** |
| **Sl.No.** | | **Questions** | **Answer** |
| **Part – A** | | | |
| **1** | **Find** | |  |
| **2** | **Find Inverse Laplace transform of** | |  |
| **3** | **Find** | |  |
| **4** | **Find** | |  |
| **5** | **Find** | |  |
| **Part – B** | | | |
| **6** | **Using partial fraction method, find** | |  |
| **7** | **Using partial fraction method, find** | |  |
| **8** | **Find the Laplace transform of full sine wave rectifier f(t) defined as** | |  |
| **9** | **Find the Laplace transform of the rectangle wave given by** | |  |
| **10** | **Find the Laplace transform of the rectangle wave given by** | |  |

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