**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ID: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Department of Computer Science and Engineering**

**CSE330: Numerical Methods  
Quiz-3, Full Marks:15 Time: 20 Mins, Set-A**

1. Using quadratic Splines method, find the coefficient matrix using below data set. **15**

|  |  |  |
| --- | --- | --- |
| **Sl.** | **X** | **Y** |
| 1 | 1 | 3 |
| 2 | 2 | 5 |
| 3 | 4 | 8 |
| 4 | 5 | 11 |
| 5 | 7 | 13 |