**Student ID: BC240200311**

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**Question No: 1 Marks: 05**



**Solution:**



**Calculate Z2 – Z1:**



**Find the Magnitude:**



**Question No: 2 Marks: 05**



**Solution:**

**Domain:** The expression inside the square root 2x-3 must be non-negative

2x-3≥0



**Range:** Since the square root function  produces values from 0 to 



**Question No: 3 Marks: 05**

Solve the quadratic equation is 3x2 + 4x -1 = 0 by using quadratic formula.

**Solution:**



**Question No: 4 Marks: 05**



**Solution:**

