**National University of Sciences & Technology  
School of Electrical Engineering and Computer Science**

Department of Humanities & Sciences

MATH-351: Numerical Methods (3+0): 2k20-BEE-12CD Spring 2023

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| **Assignment − 1** | |
| **CLO1:** Explain the consequences of finite precision and describe the amount of error inherent in different Numerical methods.  **CLO2:** Define algorithms for different Numerical techniques. | |
| Maximum Marks: 10 | Instructor: Dr. Rai Sajjad Saif |
| Announcement Date: 3rd March 2023 | Due Date: 7th March 2023 |

**Note: Perform all necessary steps otherwise marks will be deducted.**

**Question 1:** Compute the order of convergence or rate of Regula-Falsi method.

**Question 1:** Compute the order of convergence or rate of convergence of Secant method.

**Question 2:** Compute the order of convergence or rate of convergence of Newton-Raphson method.

**Submission Details**

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| **Student Name** | **CMS ID** |
| Muhammad Umer | 345834 |
| **Total Marks** | **Marks Obtained** |
| 10 Marks |  |