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

Department of Basic Sciences

MATH-361: Probability and Statistics (3+0): 2k20 BEE-12ABCD Fall 2022

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| **Assignment − 2** | |
| **CLO-1: Analyze random variables, probability distributions and sampling distributions**  **CLO-3: Apply different probability and statistics techniques in engineering problems** | |
| Maximum Marks: 10 | Instructor: Ansar Shahzadi |
| Announcement Date: 15th December 2022 | Due Date: 23rd December, 2022 |

**Instructions:**

* Understanding the question is part of the assignment and copying is not allowed.
* Express your answer in the most simplified form. Direct calculations using calculator are not allowed, you need to show the detail of your work to get the maximum marks.
* This is a group assignment. Each group having 6 members only.
* Assignment must be handwritten on A4 papers and properly bound.
* There are two pages in this assignment, including this cover page. The first page should be part of every assignment.
* Assignment is not acceptable after deadline.

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| **Students Name** | **CMS ID** | **Question(s) Attempted** |
| Danial Ahmad | 331388 | Q |
| Hassan Rizwan | 335753 | Q |
| Muhammad Ahmed Mohsin | 333060 | Q |
| Muhammad Umer | 345834 | Q |
| Tariq Umar | 334943 | Q |
| Syeda Fatima Zahra | 334379 | Q |

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| --- | --- |
| **Total Marks** | **Marks Obtained** |
| 10 Marks |  |