**Indian Statistical Institute**

**BSDS: 2024-26**

**First Year: Semester – II**

**Economics-II**

**Practical Exercise 10**

17 April 2025

1. **Calculate the (i) Coefficient of Variation (CV), (ii) Relative Mean Deviation (RMD) and (iii) Lorenz Ratio of incomes of N individuals with incomes 1, 2, 3, …, N units, respectively. What will happen if N goes to infinity?**

**Ans:** Coefficient of Variation is

Relative Mean Deviation is

Case 1: N is even

Case 2: N is odd