



United International University

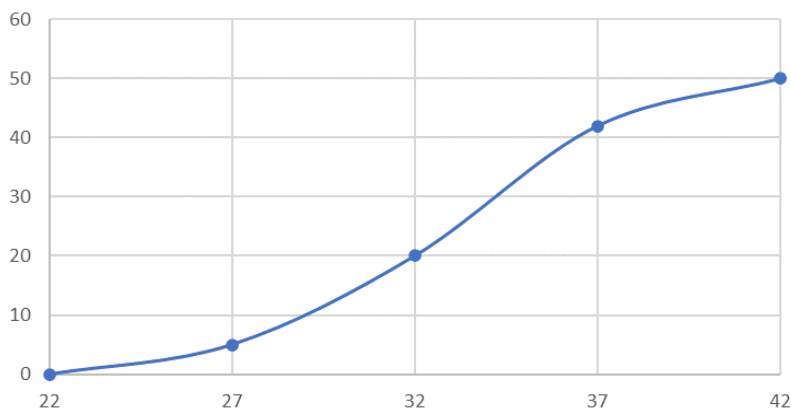
School of science and Engineering

Mid-Term-Exam(Assignment-01), Spring 2024

Course Code: MATH 2205, Course Title: Probability and Statistics

All questions are compulsory.

1. Observe the following data distribution and evaluate the questions.



- Construct the corresponding frequency table and hence find the Median value.
- Find the standard deviation of the frequency distribution.
- Draw the Frequency polygon and hence estimate P_{50} and D_3 .
- Draw the histogram for the above graph.
- Evaluate the mean distance.
- Find out the coefficient of variance.