

## **Quiz 3 Feb. 2, 2001, *Statistics for Business***

- 1. A histogram based on very few wide class intervals will fail to show the overall pattern in a distribution.**  
A) True    B) False
  
- 2. In a frequency histogram, the height of the rectangle for a particular class interval is equal to**  
A) the frequency of that interval divided by the length of that interval.  
B) the relative frequency of that interval divided by length of that interval.  
C) the relative frequency of that interval.  
D) the frequency of that interval.  
E) None of the above.
  
- 3. When analyzing longitudinal data, the first thing to do is:**  
A) display and examine a sequence plot of the data.  
B) brainstorm and display a Cause-and-Effect diagram of the data.  
C) construct and analyze a Pareto diagram.  
D) use Deming's Process Diagram to analyze the process.  
E) None of the above.
  
- 4. If you are interested in predicting future behavior of a meandering process, it would be more helpful to look at a histogram of the data than a sequence plot.**  
A) True    B) False

Answers: 1. A, 2. D, 3. A, 4. B