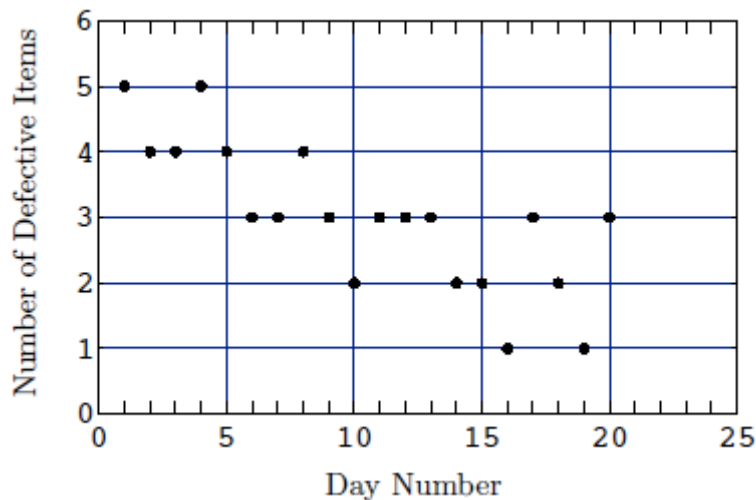




## “FRAPPY” {Free Response AP Problem...Yay!}

The following problem is taken from an actual Advanced Placement Statistics Examination. Your task is to generate a complete, concise statistical response in 15 minutes. You will be graded based on the AP rubric and will earn a score of 0-4. After grading, keep this problem in your binder for your AP Exam preparation.

A plot of the number of defective items produced during 20 consecutive days at a factory is shown below.



- (a) Draw a histogram that shows the frequencies of the number of defective items.
- (b) Give one fact that is obvious from the histogram but is not obvious from the scatterplot.
- (c) Give one fact that is obvious from the scatterplot but is not obvious from the histogram.

**Total: \_\_/4**