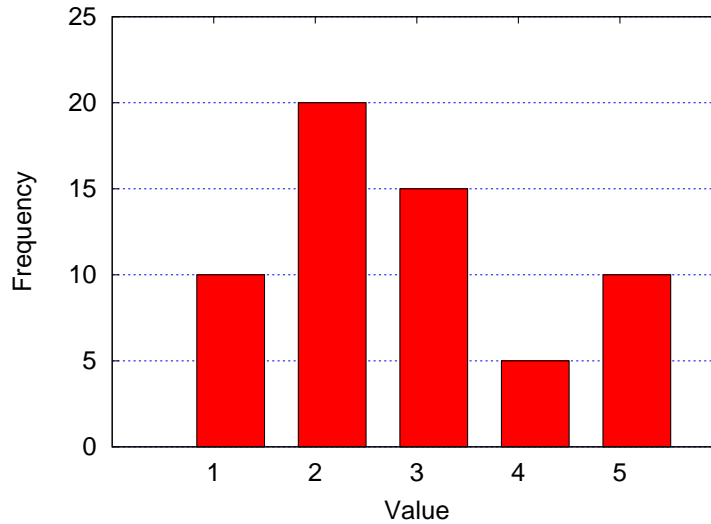


CSCI4390/6390 – Data Mining
Fall 2006, Quiz I
Total Points: 20

Name: _____

1. (15 points) Given the histogram below for a numeric random variable, find its i) mean, ii) median, and iii) mode.



2. (5 points) Define the measure of deviation called *mean absolute deviation* for a random variable \mathbf{x} as follows:

$$\sum_{x_i \in \mathbf{x}} |x_i - \mu|$$

Is this measure robust? Why or why not?