



Name:----- ID: -----

The Exam is in **Three** Pages

Q(1) Listed Below are the nicotine amounts for samples of filtered and nonfiltered cigarettes. Do filters appear to be effective in reducing the amount of nicotine

Nonfiltered:

1.1 1.7 1.7 1.1 1.1 1.4 1.1 1.4 1.0 1.2 1.1 1.1 1.1
1.1 1.1 1.8 1.6 1.1 1.2 1.5 1.3 1.1 1.3 1.1 1.1

Filtered:

0.4 1.0 1.2 0.8 0.8 1.0 1.1 1.1 1.1 0.8 0.8 0.8 0.8
1.0 0.2 1.1 1.0 0.8 1.0 0.9 1.1 1.1 0.6 1.3 1.1

A. Find the mean, median of the first sample

B. Find the mean, median of the second sample

C. Find the variation of the first sample

D. Find the variation of the second sample

E. Compare the two samples
