

NAME:

ID #:

Serial #:

1. Following is the sample CGPA of 12 senior students in a business school:

2.38, 3.49, 3.75, 2.20, 2.66, 2.69, 2.85, 1.75, 1.86, 2.98, 2.45, 3.48

Make a relative frequency histogram and comment on the shape of the distribution. Use the starting point 1.50 and width of the intervals 0.50.

2. Given below are the marks of 10 students for a college entry test.

22 24 24 30 22 20 28 30 24 15

- a. Calculate the mean, median, first & third quartiles, IQR, standard deviation and coefficient of variation.
- b. Make a comparison of your data with the 2nd condition of the empirical rule and comment on this comparison.