Quiz #7

Student Name: Student ID:

1. 1. Given the data

28.65	26.55	26.65	27.65	27.35	28.35	26.85
28.65	29.65	27.85	27.05	28.25	28.85	26.75
27.65	28.45	28.65	28.45	31.65	26.35	27.75
29.25	27.65	28.65	27.65	28.55	27.65	27.25

Determine (a) the mean, (b) the standard deviation, (c) the variance, (d) The coefficient of variation. (e) Construct a histogram using a range from 266 to 32 with intervals of 0.5.

2. Fit the following data with the model ($y = a10^{\beta x}$).

x	0.1	0.2	0.4	0.6	0.9	1.3	1.5	1.7	1.8
y	0.75	1.25	1.45	1.25	0.85	0.55	0.35	0.28	0.18