Name: Md. Altabur Rahman ID: 20-92107-1

Assignment & 2

1. Mean of Ages &

Arithmetic mean:

$$\frac{2\pi}{n} = \frac{329}{15}$$
= 21.6

@ Geometric mean :

$$(\pi x)^{\frac{1}{n}} = (\pi x)^{\frac{1}{15}} = 21.59$$

1 Harmonic mean:

Median of ages 8 20, 21, 22, 23

$$median = \frac{21+22}{2}$$

Mode of ages:

mode = 22

Andreas and the state of the st	Production of the company of the com				
Roll	n	7	ス・・え	124-21	(24-2)
1	23	and the second second	23-21-6=19	1.4	1.96
2	22		22-21.6-0.4	0.4	0.16
3	21		21-21.6=-0.6	0.6	0.36
4	22		22-21.6 = 0.4	0.4	0.16
5	21		21-21.6 = -0.6	0.6	0.36
6	20	324	20-21.6 = -1.6	1.6	2.26
7	21	15	21-21.6 =-0.6	0 .6	0.36
8	21	= 21.6	21-21.6=-0.6	0'6	0.36
9	22		27-51.6=0.4	0.9	0.16
10	22		22-21-6=0.4	0.4	0.16
n	22		22-21.6=0.4	0.4	0.16
12	22		57-51.6=0.4	0.4	0.16
13	21		21-21.6 =-0.6	0.6	0.36
19	22		22-21.6=0.4	0.4	0.16
15	22		22-216=09	0.9	0.16
Total = 329				Total = 9'2	Total = 7'6

$$\frac{1}{n} \leq \frac{9.7}{15}$$

$$= \frac{9.7}{15}$$

$$= 0.613$$

$$\sigma^{2} = \frac{1}{n} \sum_{i=1}^{n} (x_{i} - \bar{x})^{2}$$

$$= \frac{7.6}{15}$$

$$= 0.50$$

Standard deviation:

@ Coefficient of variation: