Assignment #02 Name: Jox Matubber 1 1D: 20 - 41959-1 section: - 0 Serial: - 07

The data set of age is given as

Ariethmetic mean:

 $Am = \frac{\sum A!}{m} = \frac{324}{15} = 21.60$

Reometrie mean:

= 21.58

Harmonic mean: $+1M = \frac{\pi}{21}$ $\frac{1}{43}$ $\frac{1}{22}$ $\frac{1}{21}$ $\frac{1}{20}$ $\frac{1}{21}$ $\frac{1}{21}$ = 21.5 7 - 191/1 2 1 - 111

Median: for Ascending order our Data set we got

(2) Elandered devications 50. me dian = 22,

Mode: In our data set we see that the Maximum number of time we get the Age is 22. 50, Mode = 22

** Dispersion

			5 5 2		
Sercial	Age	Age	Age: - Age	lage: - Agel	(Age: - Age)2
1 1 1 1 1	≥3	A 2 0 2	1.4	1.4	1.96
(SCA)	1577 C	,20,41,	76.4	0.4	0.16
3	21		- 0.6	0.6	6.36
4	S	1738	0.4	0.4	10000 m
5	21	208	-0.6 N	A 0.6	0.36
6	90	= 324	1.6	1.6	2.86
7	21	=21.6	-0.6	0.6	0.36
8	21	- 2112	-0.6	0.6	0.96
9	>>>	0 v n 6 5 k 2	0.4	10.4	0.16
10	44	~ ^ O ~ Y	0.4	0.4	0.16
11/55	55		0,4	0,4	0.16
12	55		0.4	0.4	0-16
13	≥1		-0.6	0.6	0.36
14	44		0.4	0,4	0.16
18	478		0.4 = M	0.4	0.16
Total 1	324	i f		9.2	7.6
101161	53 6				

1) Mean Deviation:

$$MD = \frac{1}{m} \sum_{i=1}^{m} |Agei - Age|$$

$$= \frac{9.2}{1.5} = 0.6133$$

$$5D = 0 = \sqrt{0.5067}$$

= 0.7118

2) Varciance: $a^2 = \frac{1}{n} \sum_{i=1}^{n} (Age_i - \overline{Age})^2$ = 7.6 = 0.5067

3 Standard deviation: - Q coefficient of Variation:
SD= a = \(\tau \cdot \) = \(\tau \cdot \) = \(\tau \cdot \) \(\tau \cdot \) = \(\tau \cdot \) \(\tau \cdot \cdot \) \(\tau \cdot \cdot \) \(\tau \cdot \) \(\tau \cdot \cdot \cdot \) \(\tau \cdot \cdot \) \(\tau \cdot \cdot \cdot \) \(\tau \cdot \cdot \cdot \) \(\tau \cdot \cdot \cdot \cdot \cdot \) \(\tau \cdot \cdot \cdot \cdot \cdot \cdot \cdot \) \(\tau \cdot \cdot \cdot \cdot \cdot \cdot \) \(\tau \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \