Appendix 13

The Calculation of Mean and Standard Deviation of the Score of the Simple Present Tense Mastery of the Grade Students of MTs Negeri Kudus in Academic Year 2011/2012 who are Taught by Using iFlash Media.

a. Mean

N = 30
Maximum Score = 87.5
Minimum Score = 60

Number of interval = 1 + (3.3) log N
= 1 + (3.3) log 30
= 1 + (3.3) × 1.48
= 1 + 4.884
= 5.884
= 6

Interval width (i)

$$i = \frac{\textit{the highest score - the lowest score}}{\textit{the number of interval}}$$

$$= \frac{87.5 - 60}{6}$$

= 4.58
= 5

Table 4.1 The Frequency Distribution of the Simple Present Tense Mastery of the Seventh Grade Students of MTs Negeri Kudus in Academic Year 2011/2012 who are Taught by Using iFlash Media.

No.	Score	f	x	fx	%
1.	60-64	3	62	186	10
2.	65-69	4	67	268	13.33
3.	70-74	3	72	216	10
4.	75-79	8	77	616	26.67
5.	80-84	7	82	574	23.33
6.	85-89	5	87	435	16.67
Total		**30**	**447**	**2295**	**100**

$$\text{Mean } (\bar{x}) = \frac{\sum fx}{N}$$

$$= \frac{2295}{30}$$

$$= 76.5$$