Online Homework Package Created by : Elsit and Satya Mandal		
Course Id :Math 105	Topics in Mathematics	Semester : Summer2017
Instructor :Satya Mandal Line No : 84895		
Homework No: 5	Total Points :40	Due Date:(YYYY-MM-DD) 2017-07-27

Question-1	The following is the price (in dollars) of a stock checked by a trader several times on a particular day.
	138 142 127 137 148 130 142 133
	Find the variance of the price (to four decimal places).

Answer Question-1	This is a Numerical-Answer Type Question
	Variance=
Points	5.00

Question-2	Find the standard deviation of the price (to four decimal places).

Answer Question-2	This is a Numerical-Answer Type Question
	St. Deviation=
Points	5.00

Question-3	The following figures refer to the GPA of six students:
	3.0 3.3 3.1 3.0 3.1 3.1
	Find the variance of the GPA (to four decimal places).

Answer Question-3	This is a Numerical-Answer Type Question
	Variance =
Points	5.00

Question-4	Find the standard deviation of the GPA (to four decimal places).

Answer Question-4	This is a Numerical-Answer Type Question
	standard deviation =
Points	5.00

Question-5	The following data give the lifetime (in days) of certain light bulbs.
	938 952 980 967 992 997 915 957
	Find the variance for the lifetime of these bulbs (to four decimal places).

Answer Question-5	This is a Numerical-Answer Type Question
	Variance =
Points	5.00

Question-6	Find the standard deviation for these bulbs (to four decimal places).

Answer Question-6	This is a Numerical-Answer Type Question
	Standard deviation =
Points	5.00

Question-7	An athlete ran an event 32 times. The following frequency table gives the time taken (in seconds) by the athlete to complete the event.

Time (in seconds)	Frequency
15.6	3
15.7	6
15.8	5
15.9	6
16.0	9
16.1	3
Total	32

Compute the variance for the times taken by the athlete (to four decimal places).

Answer Question-7	This is a Numerical-Answer Type Question
	Variance =
Points	5.00

Question-8	Find the standard deviation for the times taken by the athlete (to four decimal places).

Answer Question-8	This is a Numerical-Answer Type Question
	Standard deviation =
Points	5.00

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