<Basic Mathematics>: <22103> : <BMS> : <Statistics> : <UO_5.3> : <Assessments> : <Formative> <Mrs.M.R.Abhang>

Assessment Type: Formative Assessments: Embedded questions in video

Set 1: Question No 1	Set 1: Question No 2	Set 1: Question No 3
If S.D.= 7.01 then Variance=?	Coefficient of variation of a distribution is 75% and standard deviation is 24.What is its mean?	v_1 and v_2 are coefficients of variations for Set I and Set II. v_1 =10.25 and v_2 =12.5 , which set is more consistent?
Recall/ Remembering	Understanding	Application
a) 49.1401	a) 3.125	a)Set I
a) 50.5	b) 0.32	b) Set II
b) 64.12	c) 32	c) Both I and II
c) 36.04	d) 32.5	d) None
Ans: <a>	Ans: <c></c>	Ans: <a>

Set 2: Question No 1	Set 2: Question No 2	Set	2: Question N	0 3
If mean is 82.5 and S.D.= 7.2, then coefficient of variance is?	Coefficient of variation of a certain distribution is 5 and mean is 60.Find S.D.	The data of runs scored by two batsman A and B in five one day matches is given below:		
		Batsman	Average runs scored	S.D.
		А	44	5.1
		В	54	6.31
		State which b	atsman is more	e consistent?
Recall/ Remembering	Understanding	Application		
a)0.087	a) 5.9	a) A		
b) 11.46	b) 8.33	b) B		
c) 8.727	c) 0.3	c)Both A and	В	
d) 10.5	d) 3	d)None		
Ans: <c></c>	Ans: <d></d>	Ans: <a>	/	

Assessment Type: Summative: End of CO: in LMS

Summative: Q 1	Summative: Q 2	Summative: Q 3	Summative: Q 4	Summative: Q 5	
Find variance and coefficient of variance of the following data: 49, 63, 46, 59, 65, 52, 60, 54	Find variance of the following data: X f 10 12 20 15 30 17 40 11 50 9	In the two factories A and B engaged in the same industry, the average weekly wages and S.D. are as follows: Fact	Find variance of the following: C.I. frequency	The mean and standard deviation of two sets are given below: Set I Set II - 60 65 σ 5 6 Which set is more consistent?	
Recall/ Remembering	Understanding	Application	Understanding	Application	
a) 6.363, 40.488	a)64	a) A	a)12.649	a)set I	
b) 40.487, 11.362	b) 28.437	b)B	b)25	b)set II	
c) 56, 3136	c) 13.016	c)Both A and B	c)159.997	c)Both I and II	
d) 8.805, 77.52	d)169.416	d)None	d)2500	d)None	
Ans: 	Ans: <d></d>	Ans: <a>	Ans: <c></c>	Ans: <a>	

Assessment Type: Practice Worksheets: End of CO: in LMS/ downloadable PDF

Α.	If the mean of the data is variation is 45%, then fin		В.	Find variance of the following: 1, 2, 3, 4, 5, 6, 7	
A.	Answer Space		В.	Answer Space	
C.	Find variance:		D.	Calculate the variance and coe	efficient of variance of
	х	C		the following data:	
		f		Class interval	Frequency
	10 15	17 22		0-30	12
	20	19		30-60	16
	25	16		60-90 90-120	25 22
				120-150	10

C. Answer Space			D.	Answer Space		
E.	Find variance and coeffic	ient of variance:	F.	The mean and	standard deviation (of two sets are:
	Tina variance and coemic	ient or variance.	''	The mean and	standard deviation	or two sets are.
	C.I.	Frequency			А	В
	68-74	5		Mean	82.5	48.75
	75-81	31		S.D.	7.3	8.35
	82-88	40		I		
	89-95	20		Which set is les	ss consistent?	
	96-102	3				
	103-109	1				

E. Answer Space			F.	Answer Space			
G.	From the follow	wing data investigat	e which set is more	Н.	An analysis of I	monthly wages paid	to the workers in
	consistent:					d B belonging to the	e industry gives the
	Cot	maan	C D		following resul	ts:	
	Set I	mean 83.4	S.D. 5.9			Firm A	Firm B
	II	51.857	7.45		Avg. wages	186	175
		0 - 100 /			Variance	81	100
				W	hich firm has gre	eater variability?	

G. Answer Space	H. Answer Space