<Basic Mathematics >: <22103> : <BMS> : <Statistics> : <UO_5.1> : <Assessments> : <Formative>

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Assessment Type: Formative Assessments: Embedded questions in video

Set 1: Question No 1	Set 1: Question No 2	Set 1: Question No 3
Find the range of the following data : 2, 3, 1, 6, 10, 17, 20, 24, 31	Find the range of the following distribution: x_i: 10, 20, 30, 40, 50 f_i: 7, 5, 3, 2, 1	Calculate the range and coefficient of range of the following data: Marks / No. of Students 10-20 / 5 20-30 / 10 30-40 / 12 40-50 / 25 50-60 / 8 60-70 / 10
Recall/ Remembering	Understanding	Application
a) 30	a) 60	a) 10, 0.5
b) 32	b) 40	b) 40, 0.65
c) 29	c) 30	c) 80, 0.9
d) 7	d) 42	d) 60, 0.75
Ans: <a>	Ans: <b>	Ans: <d>

Question No 2 distribution table:

x_i	10	20	30	40	50
f_i	7	5	3	2	1

Question No 3 data table:

Marks	No. of Students
10-20	5
20-30	10
30-40	12
40-50	25
50-60	8
60-70	10

Set 2: Question No 1	Set 2: Question No 2	Set 2: Question No 3
Find the range and coefficient of range of the following data: 45, 42, 39, 40, 48, 41, 45, 44	Find the range and coefficient of range for the following data: | Marks	No. Of Students
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10-19	6
20-29	10
30-39	16
40-49	14
50-59	8
60-69	4		Find the range and coefficient of range of the following data: | Weight in Kg	No. Of Students
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60-62	5
63-65	18
66-68	42
69-71	27
72-74	8	
Recall/ Remembering	Understanding	Application
a) 10,0.105	a) 60, 0.759	a) 14, 0.104
b) 8, 0.09	b) 40, 0.251	b) 15, 0.112
c) 9, 0.103	c) 59, 0.746	c) 12, 0.09
d) 9,0.5	d) 50, 0.714	d) 10, 0.076
Ans: <c >	Ans: c	Ans:

Assessment Type: Summative: End of CO: in LMS

Summative: Q 1	Summative: Q 2	Summative: Q 3	Summative: Q 4	Summative: Q 5
Find the range and coefficient of range of the following data: 5, 25, 65, 55, 35, 45, 15	Find the range and coefficient of range for the following:	Find the range and coefficient of range of:	Calculate the range and coefficient of range of the following distribution:	Find the range and coefficient of range for the following:

Q2 table:

C.I.	f_i
0-5	2
5-10	5
10-15	12
15-20	20
20-25	11
25-30	10

Q3 table:

Temperature	No.of days
25-26	2
27-28	11
29-30	12
31-32	10
33-34	4
35-36	1

Q4 table:

x_i	f_i
3	4
4	9
5	10
6	8
7	6

Q5 table:

Marks	No. Of students
21-25	4
26-30	16
31-35	38
36-40	12
41-45	10

Recall/ Remembering	Understanding	Application	Understanding	Application
a) 50, 0.833	a) 30, 1	a) 11, 0.180	a) 4, 0.4	a) 24, 0.364
b) 70, 0.875	b) 25, 0.7	b) 10, 0.161	b) 10, 2.5	b) 25, 0.379
c) 60,0.857	c) 20, 0.67	c) 9, 0.18	c) 3, 0.45	c) 20, 0.286
d) 30, 0.5	d) 35, 0.91	d) 12, 0.197	d) 9, 2.1	d) 16, 0.123
Ans: <c >	Ans: <a>	Ans: <d>	Ans: <a>	Ans:<b>

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

A. Find the range of the following data: 50, 90, 120, 40, 180, 200, 80	B .Find the range and coefficient of range of the following: 800, 725, 750, 900, 925, 910, 1000, 790, 870, 920
A. Answer Space	B. Answer Space
C. Calculate the range and coefficient of range of the following data: Weights in Kg: 80, 72, 75, 90, 95, 90, 10, 79, 70, 90	D. Find the range of the following:

D. Find the range of the following:

x_i	5	10	15	20	25
f_i	5	8	3	2	2

C. Answer Space

D. Answer Space

E. Calculate the range and coefficient of range of the following data:

Class- Interval	Frequency
10-20	6
20-30	19
30-40	34
40-50	10
50-60	18

F. Calculate the range and coefficient of range of the following distribution:

C.I.	f_i
11-20	9
21-30	12
31-40	16
41-50	14
51-60	10

E.   Answer Space

F.   Answer Space

G.   Find the range and coefficient of range for the following:

Marks	No.of Students
20-29	10
30-39	15
40-49	16
50-59	20
60-69	21
70-79	22
80-89	9

H.   Find the range and coefficient of range of the following data:

Marks	No.of Students
0-10	5
10-20	6
20-30	13
30-40	24
40-50	7

G. Answer Space	H. Answer Space