





A JESUIT CHRISTIAN MINORITY INSTITUTION

SOLUTION OF WORKSHEET-34

SUBJECT - STATISTICS

Term: Final

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_	c – Revi Marks:			Class Date:	: XI 01 .02. 2021			
Q1.	Select the correct alternative of the following questions.							
	(i)	The marks of than	5 students in a class to	st are 1, 2, 4, 7, 8, 11. The median is greater				
		(a) 2	(b)5.5	(c)8	(d) none of these			
	(ii) The median is used when the set of observations has (a) all values (b) outlier (c)equal values (d) none of these							
		(a) all values	(b) outlier	(c)equal values	(d) Holle of these			
	(iii)	The marks of 5 students in a class test are 2, 4, 7, 8, 23. The median is						
		(a) 2	(b)7	(c)11	(d) none of these			
	(iv)	If all the Observation is equal to $-\frac{1}{7}$, then the median is equal to						
		(a) 1	(b) $-\frac{1}{7}$	(c)-5	(d) none of these			
	(v)	Median of -(2n+3),, -1, 0, 1,, (2n+3) is						
		(a) -1	(b) 0	(c) $\frac{n-1}{2}$	(d) ∞			
	(vi)	Median of religion of several people is						
		(a)n-1	(b) 0	(c) $\frac{n-1}{2}$	(d) none of these			

(a) countably	infinite	be calculated of a set having observation (b) uncountably infinite (d) none of these				
If 5x=9y then and median of x is 7, then median of y is						
(a) 0	(b)1	(c)0. 5		(d) none of these		
The combined harmonic mean depends upon the mean of						
(a) 1 st set	(b) 2 nd set	(c) both		(d)none of these		
The composite median is less than the harmonic mean of the given sets which is (a) maximum (b) minimum (c) both (d) none of these						
The composite arithmetic mean is greater than the median of the given sets which is						
(a) maximum	(b) minimum	(c) both		(d) none of these		
The sum of differences of median from to all the observations except one value is						
(a) -1	(b) 1	(c) 0		(d) none of these		
Theres are 10 observations with median 3. If 0.3 is added to all the observations then the median of the new set is						
(a) 3.3	(b) 10	(c) 30		(d) none of these		
There are 10 observations with median 4. If all the observations be added by 4 then of the reciprocal of median of those are						
(a)0	(b) 2	(c) 1		(d) none of these		
The suitable measure to find the central value when all the observations are						
(a) AM	(b) GM	(c) all		(d) none of these		
	(a) countably (c) uncountable If 5x=9y then (a) 0 The combined (a) 1 st set The composite (a) maximum The composite (a) maximum The sum of dis (a) -1 Theres are 10 then the media (a) 3.3 There are 10 of then of the rece (a)0 The suitable medial	(a) countably infinite (c) uncountably finite If 5x=9y then and median of (a) 0 (b)1 The combined harmonic meas (a) 1 st set (b) 2 nd set The composite median is les (a) maximum (b) minimum The composite arithmetic modishing (a) maximum (b) minimum The sum of differences of mis (a) -1 (b) 1 Theres are 10 observations we then the median of the new s (a) 3.3 (b) 10 There are 10 observations withen of the reciprocal of median (a) 0 (b) 2 The suitable measure to find equal	(a) countably infinite (c) uncountably finite If 5x=9y then and median of x is 7, then med (a) 0 (b)1 (c)0. 5 The combined harmonic mean depends upor (a) 1 st set (b) 2 nd set (c) both The composite median is less than the harm (a) maximum (b) minimum (c) both The composite arithmetic mean is greater which is (a) maximum (b) minimum (c) both The sum of differences of median from to a is (a) -1 (b) 1 (c) 0 Theres are 10 observations with median 3. If then the median of the new set is (a) 3.3 (b) 10 (c) 30 There are 10 observations with median 4. If a then of the reciprocal of median of those are (a) 0 (b) 2 (c) 1 The suitable measure to find the central value equal	(c) uncountably finite (d) nor If 5x=9y then and median of x is 7, then median of y (a) 0 (b)1 (c)0. 5 The combined harmonic mean depends upon the m (a) 1 st set (b) 2 nd set (c) both The composite median is less than the harmonic m (a) maximum (b) minimum (c) both The composite arithmetic mean is greater than t which is (a) maximum (b) minimum (c) both The sum of differences of median from to all the dis (a) -1 (b) 1 (c) 0 Theres are 10 observations with median 3. If 0.3 is at then the median of the new set is (a) 3.3 (b) 10 (c) 30 There are 10 observations with median 4. If all the of then of the reciprocal of median of those are (a) 0 (b) 2 (c) 1 The suitable measure to find the central value where equal		

Prepared by Sanjay Bhattacharya