





WORKSHEET-22

SUBJECT - STATISTICS

		_	<u>Term : 1</u>					
	c – Disp Marks:	persion 15		Class: XI Date:08 .08. 2020				
Q1.	Select	the correct alt	ernative of the follow	ing questions.				
	(i)	The marks of deviation is	ne marks of 5 students in a class test are 1, 2, 3, 4, 5, 6, 7. The standard eviation is					
		(a) 2	(b)4	(c)8	(d) none of these			
	(ii)							
		(a) 0	(b) 3	(c) 6	(d) none of these			
(iii) The marks of 5 students in a class test are 2, 4, 4, 7, 7 about mode is				8, 23. The mean deviation				
		(a) 2	(b)4	(c)11	(d) none of these			
	(iv)	If all the Observation is equal to $\frac{1}{9}$, then the standard deviation is equal to						
		(a) 0	(b) $\frac{1}{5}$	(c)-5	(d) none of these			
	(v)	Range of -(2n+3),, -1, 0, 1,, (2n-1) is (a) -1 (b) 0 (c) $\frac{n-1}{2}$ (d) none of these						
		(a) -1	(b) U	(c) $\frac{n-1}{2}$	(d) none of these			
	(vi)							
		(a)n-1	(b) 0	(c) $\frac{n-1}{2}$	(d) none of these			

(VII)	(a) mean and (c) median an	median	(b) mean and mode (d) none of these				
	(c) median an	a mode		(d) Hone of these			
(viii)	If 5x= 3+8y ar (a) 0	nd variance of x (b)1	(is 7, then mear (c)0. 5	n deviation about median of y is (d) none of these			
(ix)		mbined standard deviation with 2 nd set having all the observations enstant depends upon the					
		(b) 2 nd set	(c) both	(d)none of these			
(x)		l standard devi (b) minimum		n the mean of the given sets which is (d) none of these			
(xi)	The standard (a) mean	deviation is gre (b) median	eater than the m (c) mode	nean deviation about (d) none of these			
(xii)	The range of (a) -1	first 7 narural r (b) 4	numbers is (c) 0	(d) none of these			
(xiii)	There are 10 observations with standard deviation 3. If 0.3 is subtracted to all the observations then the standard deviation of the new set is						
	(a) 3	(b) 3.3	(c) 30	(d) none of these			
(xiv)	There are 10 observations with standard deviation 4. If all the observations be divided by 4 then the standard deviation of the new set is (a)4 (b) 8 (c) 16 (d) none of these						
/\	The above ::	124	F. C. Harris				
(xv)	(a) 0	ons are 1, 3, 4, (b) 7	(c) 8	deviation about mode is (d) none of these			
				Prepared by			

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