## Republic of the Philippines Department of Education Region IV - A CALABARZON City Schools Division Office of Antipolo District I-C

## **DELA PAZ NATIONAL HIGH SCHOOL**

Ninoy Aquino Avenue, Brgy. Dela Paz Antipolo City

## POST TEST Mathematics 7 Measure of Central Tendency

Direction: Read each item carefully and write your answer on the space before each number.

CII	nomber.							
1.	Which of the following is considered as the most stable and reliable measure of central tendency?							
	A. mean	B. median	C. mode	D. Range				
2.	Which of the following measure of central tendency that occur most often given set of data?							
	A. mean	B. median	C. mode	D. range				
3.	What is the m	ode of the followin B. 11	e of the following numbers? 12,11,14,10,8,13,11,9 B. 11 C. 14 D. 12					
4.	What is the te A.bimodal	rm used to describ B. multimod		a data set with two dal D. unimod				
5.	What is the median score achieved by a student who recorded the following scores on 10 Math quizzes? 25, 15, 18, 19, 20, 23, 16, 13, 9, 11?  A. 16  B. 17  C. 18  D. 19							
6.	limit?	Which of the following is the average of the lower class limit and upper class mit?  A. class size B. class marksC. class interval D. class boundaries						
7.	The mean of four numbers is 71.5. If three numbers are 58, 76, and 88, what is the value of the fourth number?							
	A. 60	B. 64	C. 76	D. 82				
8.	If there is an even number of items in the data set, then the median is found by taking the mean (average )of the two middlemost numbers?  A. TRUE  B. FALSE  C. MAYBE  D. NONE							
9.	What letter represents the class size or interval?  A. a B. e C. i D. o							
	For items nos. <b>10 – 14</b> , refer to the following data below:							
Summative Test Result of Grade 8 Students								
	Scores	Frequency (f)	Class Mark (x)	(fx)	1			
	21 – 25	8	23	10)	1			
	16 – 20	9	11	162	1			
	11 – 15	10	13	12				
	6 – 10	7	13	56	1			

**14.** Mean  $(\bar{x}) = \frac{\sum (fx)}{\sum f} = \frac{(e)}{\sum f}$ 

5 ∑f = 39

i= 5

 $\sum (fx) = 547$ 

15. Which of the following measures is more appropriate for data which call for a nominal scale as a measure of popularity?								
A. mean	B. n	nedian	C. mode	D. range				
16. If the range of a set of scores is 15 and the lowest score is 8, what is the highes score?								
A. 21	B. 2	2	C. 23	D. 24				
17. Which of the following refers to the number of observations in each class interval and is usually represented by a tally?								
A. class m		0.000	C. class interv	val D. class frequency				
18. What is the formula used to find the mode of a grouped data?								
A. Mode $\bar{x}$	$= LLmo + \left(\frac{d1}{d1+d}\right)$	$\frac{1}{12}$ ) $i$	C. Mode $\bar{x} = L$	$Lmo + \left(\frac{d2}{d1+d2}\right)i$				
B. $Mode \bar{x}$	$= LLmo + \left(\frac{d1}{d1+d}\right)$	$\left(\frac{1}{2}\right)x$	D. $Mode \bar{x} = L$	$L + \left(\frac{d1}{d1 + d2}\right)i$				
19. What is th	ne mean of 10	),5,2,8,5 ?						
A. 2	B. 7	C. 9	D. 6					

20. Find the median of the given data: 67,89,93,77,84?

C. 85 D. 82

B. 83

A. 84