

IX - Mathematics Assignment No-03-StatisticsMeasure of Central TendencyFill the gap:

- (Q1) The average of 4, 5, 6, 8, 10, 11, 12 is -----.
- (Q2) The mean of all factors of 12 is -----.
- (Q3) If mean of 6, 10, x and 12 is 8,  
then x = -----.
- (Q4) The mean of first eight prime  
numbers is -----.
- (Q5) The mean of  $x, (x+1), (x+2), (x+3), (x+4)$   
is -----.
- (Q6) The mean of 8 observations is 30. If  
an observation 23 is deleted, then the  
new mean is -----.
- (Q7) Mode = .... Median - .... Mean
- (Q8) Median of 5, 8, 7, 12, 17, 14, 5 is -----.

Cont Pg-2

(Q9) Median of 6, 5, 10, 12, 14, 7, 18 Pg-2  
in -----.

(Q10) The median of the arranged observations  
5, 7, 10,  $x+4$ ,  $x+6$ , 18, 20, 22 is 16, the  
value of  $x$  is -----.

(Q11) The mode of 14, 16, 7, 9, 7, 15, 7, 18 is  
-----.

(Q12) Find the value of  $x$  if the  
mode of the following distribution  
is 7. -----.

3, 5, 6, 7, 5, 4, 7, 5, 6,  $x$ , 8, 7

(Q13) The mean of 15 observation is 20.  
If 8 is added to each observation, the  
new mean is -----.

(Q14) The mean of first 10 odd natural numbers  
is -----.

(Q15) The mean of 7 observations is 14. Six of  
these are 18, 12, 15, 13, 11, 17. The 7<sup>th</sup> is -----.

ANSWERS.

(Q1) 8	(Q6) 31	(Q11) 7	
(Q2) 4.7	(Q7) 3, 2	(Q12) 7	
(Q3) 4	(Q8) 8	(Q13) 28	
(Q4) 9.62	(Q9) 11	(Q14) 100	
(Q5) $x+2$	(Q10) 11	(Q15) 12	