

Q1 / what characteristics the arithmetic mean? Explain ?

Q2 / Enumerate main aspect to make frequency table ?

Q 3 /Find the Mode for  $y_i = 22 , 2 , 9 , 12 , 3 , 7 , 12 , 4 , 5 , 8 .$

Q/4 /A What is the value of  $( 8 P 4 ) ( 7 C 3 ) ?$

Q 4 /B If you know that value variable  $x = 7,2,4$   $y = 5,8,2$  find

1-  $\sum y_i^2 (\sum y_i)^2 / n$  2-  $\sum x_i y_i^2$  3-  $\sum (x_i - 8)$ .

Q 4 / B If you know  $\bar{y} = 25$  find arithmetic mean for  $x_i = 2 y_i + 20 .$

Q 5 /From the following data find standard deviation , standard error , coefficient of variance ?

$Y_i = 14, 24 , 20 , 6 , 8 , 22 , 2 , 16 .$

Q 6 / Sample from population it value  $( 2, 5, 3 , 6 , 4 )$  calculate coefficient of variance ?

**Good Luck**

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