

Note : Answer on all questions.

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

Exminer \
Muhammed Salih

Head of the Dep
Zeyad T. Omer