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| 1 | If x and y are uncorrelated variables , then this implies   1. The absence of any linear relationship between them 2. The absence of any quadratic relationship between them 3. The absence of any logarithmic relationship between them 4. The absence of any nonlinear relationship between them |
| 2 | In regression analysis, if the independent variable is measured in kilograms, the dependent variable   1. must also be in kilograms 2. must be in some unit of weight 3. cannot be in kilograms 4. can be any units |
| 3 | In regression analysis, the variable that is being predicted is the   1. response, or dependent, variable 2. independent variable 3. intervening variable 4. is usually x |
| 4 | In the regression equation, Y= 75 + 0.5 X the intercept is   1. 0.5 2. 75 3. 0 4. 1 |
| 5 | Q: If the regression coefficient of x on y and y on x are -(1)/(2) and -(1)/(8)  respectively, then what is the correlation coefficient between x and y?  2: Independent variable  3: error term  4: mode |
| 6 | Co-efficient of regression of Y on x is  Options:  1:byx  2:bxy  3:bx+y  4:by+x |
| 7 | Co-efficient of regression of X on y is  Options:  1:byx  2:bxy  3:bx+y  4:by+x |
| 8 | Q: The two lines are very close to each other, if the degree of correlation is  Options:  1.high  2. low  3. medium  4. None of the above |