

## Model Question Paper for Online Examination

### Applied Statistics

1. The correlation coefficient is used to determine:
  - a. A specific value of the y-variable given a specific value of the x-variable
  - b. A specific value of the x-variable given a specific value of the y-variable
  - c. The strength of the relationship between the x and y variables
  - d. None of these
  
2. If a period of length 'n' is an ----- number, then moving average can be computed by taking an average of each part.
  - a. odd
  - b. rational
  - c. even
  - d. fractional
  
3. -----decisions are those made in routine, repetitive, well-structured situations through the use of pre-determined decision rules.
  - a. Non-programmed
  - b. Programmed
  - c. Regular
  - d. Logical
  
4. The normal distribution is also referred to as the -----.
  - a. Bell-shaped curve
  - b. Gaussian Distribution
  - c. Error Distribution
  - d. All of these
  
5. The straight line graph of the linear equation  $Y = a + bX$ , slope will be downward if:
  - a.  $b > 0$
  - b.  $b < 0$
  - c.  $b = 0$
  - d.  $b \neq 0$

