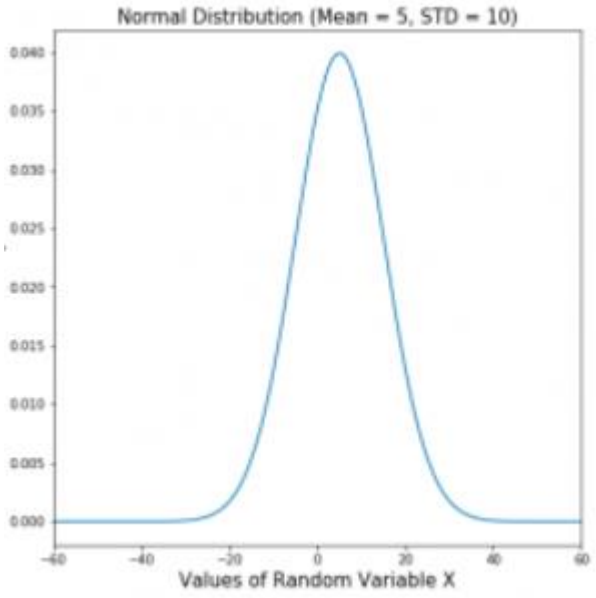
STATISTICS WORKSHEET

(Answers)

1. **(A) True**
2. **(C) Centroid Limit Theorem**
3. **(B) Modeling bounded count data**
4. **(D) All of the mentioned**
5. **(C) Poisson**
6. **(B) False**
7. **(B) Hypothesis**
8. **(A) 0**
9. **(C) Outliers cannot conform to the regression relationship**
10. **The normal distribution is helpful to represent the data distribution symmetrically with the help of two parameter which are Slandered Deviation and Mean. Here in maximum number of observations its slope remains at the centre.**

    Example:



12. **This test is used to check the impact of various design versions. Here it could be multiple alphabets also for multiple designs. The basic agenda for this testing is to test which design version left the maximum impact on the customer.**
13. **No, in my opinion it's not a good practice to follow. Because here it takes the mean value on the place of missing value. So, we can't expect the accurate answer out of it.**
14. **Linear regression is the linear approach where we use two variables which are: independent variable and dependent variable. Here we use independent variable to get the dependent variable.**

Linear regression equation is Y=A+BX

Where,
Y= dependent variable

A= The intercept

b= The slope

x= independent variable

15. **There are two Branches of Statistics:**
    a. **Descriptive Stats**
    b. **Inferential Stats**