





6. Define Skewness.
7. Write short note about Poisson distribution.

**III Answer ANY FIVE of the following (5x4=20)**

1. How to perform fitting by orthogonal polynomial using iterative methods?
2. Write about the significance of means using t-test.
3. How to test the goodness of fit? Explain with example.
4. Explain the basic concepts of correlation.
5. Describe the addition law of probabilities.
6. Write briefly about the measures of dispersion.
7. Elaborate the concept of p and np charts with suitable examples.

**IV Write an essay on ANY ONE of the following (1x10=10)**

1. Explain the randomized block design (RBD) with suitable example.
2. Describe the Chi-Square testing using examples.

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