SYLLABUS STATISTICS

CLASS 12 – STATISTICS SYLLABUS

Measures of Central Tendency
- Mean (Arithmetic Mean)
- Ungrouped & Grouped data
- Step Deviation Method
- Median
- Mode
- Relationship between Mean, Median and Mode

Measures of Dispersion
- Range
- Mean Deviation
- Variance and Standard Deviation
- Calculation for grouped & ungrouped data
- Comparison of variability

Probability
- Random experiments
- Sample space
- Events
- Types of events
- Impossible & Sure events
- Simple & Compound events
- Probability of an event
- Equally likely outcomes

Random Variable and its Probability Distribution
- Random Variable (Discrete)
- Probability Distribution of a random variable
- Mean (Expectation) of a random variable
- Variance of a random variable