

## UNIT-I

Probability and Random Variable

1. Define probability?
2. Explain probability with axioms?
3. Define conditional probability?

For more questions please download the above Pdf file

## UNIT-II

Distribution & Density Functions and Operation on one Random variable Expectations

1. Define probability density function?
2. Define probability distribution function?
3. Write any two properties of density function?

For more questions please download the above Pdf file

## UNIT-III

MULTIPLE RANDOM VARIABLES AND OPERATIONS

1. Define probability density function for two random variables?
2. Define probability distribution function for two random variables?
3. Give properties of probability density function?

For more questions please download the above Pdf file

## UNIT-1V

Stochastic Processes – Temporal Characteristics

1. Define random process?
2. Define ergodicity?
3. Define mean ergodic process?

For more questions please download the above Pdf file

## UNIT-V

STOCHASTIC PROCESSES – SPECTRAL CHARACTERISTICS:

1. Define wiener khinchine relations
2. State any two properties of cross-power density spectrum.
3. Define cross –spectral density and its examples.