

# Important Questions Based on Unit-1

## Long Questions

- 1) collection of data
- 2) classification of data
- 3) presentation of data
- 4) Measures of Central tendency
- 5) Measures of dispersion
- 6) skewness
- 7) kurtosis
- 8) relationship b/w central & non-central moments  
vis versa.
- 9) problems on moments.
- 10) Sheppard's correction

## Short Questions

- 1) primary data
- 2) secondary data
- 3) Tabulation of data
- 4) characteristics of Good average
- 5) Mean
- 6) " " " dispersion
- 7) Mode
- 8) GM
- 9) HM
- 10) Range
- 11) SD
- 12) MD
- 14) QD
- with merits & demerits and also its real life ex's or applications
- 15) Central moments
- 16) Non-Central moments
- 17)  $B_2 > 1$
- 18)  $-1 \leq SK_B \leq +1$
- 19) skewness
- 20) kurtosis
- 21) Quantitative data
- 22) Chronological data.
- 23) Qualitative "
- 24) Geographical data.
- 25) Problems on all types in Unit-1

Important Questions Based on Unit - II

Long Questions

- ① Addition theorem on probability for n events
- ② Multiplication " " on " " " " "
- ③ Baye's theorem
- ④ Boole's inequality

Short Questions

- ① Random experiment
- ② Die
- ③ coin
- ④ cards
- ⑤ outcome
- ⑥ trial
- ⑦ event
- ⑧ simple event
- ⑨ compound event
- ⑩ sample space
- ⑪ mutually exclusive events
- ⑫ exhaustive events
- ⑬ Equally likely event
- ⑭ Favourable event
- ⑮ Independent event
- ⑯ dependent event
- ⑰ Sure event
- ⑱ Impossible event
- ⑲ classical or mathematical probability
- ⑳ axiomatic probability
- ㉑ statistical probability
- ㉒ probability space
- ㉓ complementary event
- ㉔ Total probability
- ㉕ posterior probability
- ㉖ prior " "
- ㉗ merits & demerits of probability
- ㉘ Limitations " "
- ㉙ conditional probability
- ㉚ subjective " "
- ㉛ pairwise independent "
- ㉜ mutually independent probability
- ㉝ problems on probability
- ㉞ Addition theorem for 2 events
- ㉟ -lity
- ㊱ Multiplication " " 2 events