

**NRI INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY – MBA
BHOPAL (M.P.)**

**CLASS: - MBA
SEMESTER/YEAR: - 1st
Assignment Feb- March 21
SUBJECT: - QUANTITATIVE METHODS
PAPER CODE: - 102**

Note: - Attempt all questions compulsory

- 1} Discuss the significance of Quantitative methods/Statistics in management?
- 2} What do you understand by Null and Alternative hypothesis explain the measure of hypothesis testing-t- for difference of Means
- 3} Calculate Karl Pearson's correlation coefficient from the following data :-

X	11	10	9	8	7	6	5
Y	20	18	12	8	10	5	4

- 4} Explain Binomial and Poisson distribution with example.
- 5} The following is the age distribution of 100 members of organization find the standard deviation and its coefficient

Age (in year)	30-40	40-50	50-60	60-70	70-80	80-90
No. of members	3	51	25	5	9	7