

Enroll No**Q.P. Code**

UT 3504

Class: F.Y. MBA Sem- I**Course Code: MGC1134****Course Name: Quantitative Analysis****Day & Date:**17/10/2025**Time:**10.30-11.30 am**Max Marks-** 25

Instructions: 1) All questions are compulsory
3) Assume suitable data if not given

2) Figures to the right indicate maximum marks

Marks BT COs
Level

Q.1 A

Three Brands of Tyres are tested with the result given in the table.
Draw Histogram for each frequency distribution (Calculate the Adjusted Frequency)

Life (in thousand of miles)	Number of Tyers		
	X	Y	Z
20-25	1	1	0
25-27.5	7	4	9
27.5-30	15	10	12
30-31	10	12	15
31-32	20	22	25
32-33	17	13	11
34-35	13	2	5
35-37.5	8	4	3
37.5-40	2	0	1

12 3 1,2

Q.2 A

Illustrate the limitation and interpretation of Spearman's rank correlation coefficient.

OR

Obtain the Spearman's rank correlation coefficient for the following data:

X: 70, 65, 67, 74, 50, 48, 47

Y: 46, 35, 52, 56, 55, 46, 72

6 3 1,2



Q.3 A

Discuss the Inferential Statistics Vs Descriptive statistics with suitable example.

OR

7 3 1,2

Explain the purpose of measures of central tendency with a suitable example

