Assignment
B.Com. Semester-1
MDC (Statistical Methods in Social Science)

Unit-I
Linear correlation and Regression

Q- 1 Explain the scatter diagram method

Q-2 Explain details of probable error.

Q-3 write down the properties of correlation.

Unit-II
Association Attributes

Q-1 Define Association Attribute.

Q-2 Write types of Association Attributes.

Q-3 Explain Yule's Method.

Unit III
Time Series

Q-1 What is time series? Explain its usefulness.

Q-2 Discuss various components of time series.

Q-3 Using Five yearly moving Averages. Find trend and short-term variation for the following time series.

Year	2006	2007	2008	2009	2010	2011	2012	2013	2014
sales	42	45	51	44	48	52	55	61	54

Q-4 Find Seasonal indices for the following time series.

Year	Q_1	Q_2	Q_3	Q_4
2009	65	58	56	61
2010	68	63	63	67
2011	70	59	56	52
2012	60	53	51	58