

# S.G.M. College of Commerce and Management

## Course Plan (Academic Year 2015-16) Business Statistics-I (B.COM SEM-III Div.-A)

UNIT	Topic	Sessions required
<b>I</b>	<b>Introduction to Statistics</b>	<b>12</b>
	Data Collection : Elements, types, sources and importance of data	3
	Data Presentation: Simple series	3
	Data Presentation: frequency distribution.	6
<b>II</b>	<b>Measures of central tendency and Dispersion:</b>	<b>13</b>
	-Measures at Central Tendency: ❖ Introduction, Definition and Calculation Mean, Median, Mode, Quartiles, Deciles and Percentiles, Combined Mean	6
	-Measures of Dispersion ❖ Introduction, Definition and Calculation Range, Quartile Deviation Mean Deviation, Variance and Standard Deviation Coefficient of Variation (C.V.)	7
<b>III</b>	<b>Probability</b>	<b>12</b>
	Terminology,	2
	Definitions and importance of probability	2
	Additional and multiplication rules of probability	4
	Examples based on additional rules	3
	Examples based on multiplication rules	2
<b>IV</b>	<b>Probability Distributions</b>	<b>12</b>
	❖ Meaning, Conditions, P. d. f., properties and uses - Binomial	4
	❖ Meaning, Conditions, P. d. f., properties and uses - Poisson	4
	❖ Meaning, Conditions, P. d. f., properties and uses - Normal	5
	<b>Total:</b>	<b>49</b>

# S.G.M. College of Commerce and Management

## Course Plan (Academic Year 2015-16) Business Statistics-I (B.COM SEM-III Div.-B)

UNIT	Topic	Sessions required
<b>I</b>	<b>Introduction to Statistics</b>	<b>12</b>
	Data Collection : Elements, types, sources and importance of data	3
	Data Presentation: Simple series	3
	Data Presentation: frequency distribution.	6
<b>II</b>	<b>Measures of central tendency and Dispersion:</b>	<b>13</b>
	-Measures at Central Tendency: ❖ Introduction, Definition and Calculation Mean, Median, Mode, Quartiles, Deciles and Percentiles, Combined Mean	6
	-Measures of Dispersion ❖ Introduction, Definition and Calculation Range, Quartile Deviation Mean Deviation, Variance and Standard Deviation Coefficient of Variation (C.V.)	7
<b>III</b>	<b>Probability</b>	<b>12</b>
	Terminology,	2
	Definitions and importance of probability	2
	Additional and multiplication rules of probability	4
	Examples based on additional rules	3
	Examples based on multiplication rules	2
<b>IV</b>	<b>Probability Distributions</b>	<b>12</b>
	❖ Meaning, Conditions, P. d. f., properties and uses - Binomial	4
	❖ Meaning, Conditions, P. d. f., properties and uses - Poisson	4
	❖ Meaning, Conditions, P. d. f., properties and uses - Normal	5
	<b>Total:</b>	<b>49</b>