

**SARDAR PATEL UNIVERSITY**  
**PROGRAMME: B.COM. (HONS') (3 Years)**  
**(International Accounting and Corporate Banking & Insurance)**  
**(Under Choice Based Credit System Based on UGC Guidelines)**  
**Syllabus with effect from: June-2019**

**Semester: III**

<b>Paper Code: UB03CCOH23</b>	<b>Total Credits: 3</b>
<b>Title of Paper: Business Statistics - I</b>	
<b>Objective :</b> The objective of this course is to familiarize the students with the basic Statistical tools, with an emphasis on applications to business and economic situations.	

Unit No.	Description in Detail	Weightage
<b>1</b>	<b>Introduction to Statistics</b> <ul style="list-style-type: none"> <li>• Data Collection: Elements, types, sources and importance of data</li> <li>• Data Presentation: Simple series and frequency distribution.</li> </ul>	<b>25%</b>
<b>2</b>	<b>Measures of central tendency and dispersion</b> <ul style="list-style-type: none"> <li>• Definition and calculation of mean, Median Mode Quartiles Deciles and Percentiles, Combined Mean.</li> <li>• Definition and Calculation of Range, Quartiles Deviation and Standard deviation</li> <li>• Co-efficient of variance.</li> </ul>	<b>25%</b>
<b>3</b>	<b>Probability</b> <ul style="list-style-type: none"> <li>• Terminology, definitions and importance of probability. Additional and multiplication rules of probability.</li> </ul>	<b>25%</b>
<b>4</b>	<b>Probability Distributions</b> <ul style="list-style-type: none"> <li>• Meaning and importance of probability distributions.</li> <li>• Binomial, Poisson and Normal Distributions: p.d.f properties &amp; applications.</li> </ul>	<b>25%</b>

**Evaluation : Internal : 40 Marks (Theory)**  
**: External: 60 Marks (Theory) – Two Hours Examination**

**Reference Books:**

- Lewin and Rubin : Statistics for Management : Prentice Hall of India, New Delhi
- Hooda R.P : Statistics for Business and Economics: Macmillan, New Delhi
- Sancheti and Kapoor : Statistics, S.Chand and Sons New Delhi