

SARDAR PATEL UNIVERSITY
B. Com. (Honours) (3 Years)
Specialization in International Accounting and Corporate Banking & Insurance
Semester: III
Syllabus with effect from: June 2016

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| Paper Code: UB03CCOH04 | Total Credits: 3 |
| Title of Paper: Business Statistics - I | |

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

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