

BUSINESS MATHEMATICS

Marks: 50	PART –I MATHEMATICS	Time: 2:00 Hours
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1. Business Arithmetic, Ratios Proportion and percentage, Computation of annuities.
2. Functions and their Graphs.
3. Linear and quadratic Equations, Simultaneous Equations.
4. Binary Number System and its operation.
5. Matrices-Identity, Matrices, Addition, Subtraction multiplicative of matrices. Solution of Simultaneous equations through matrices.

Marks: 50	PART –II STATISTICS	Time: 2:00 Hours
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1. Nature of Statistics: What is statistics, Subject matter, fields of statistics and the types of questions it can answer. Importance of statistics in different fields.
2. Statistical Data: Types of data – Primary and secondary, Sources of data and Methods of Collection.
3. Presentation of Data: Classification – the bases of classification, Tabulation-Simple and compound Tables, Representation of data through diagrams and charts. Bar diagrams, Circular diagrams. Graphs of Frequency Distribution.
4. Averages of the First Order: Mean, Mode, Median
5. Index Numbers
6. Probability Theory: An elementary treatment, excluding probability distributions (Brief Introduction)

BOOKS AVAILABLE

1. Rahbar Business Statistics by Aizaz Ahmad Khan, Qureshi Brothers
2. Business Statistics by Nadeem Akhtar Siddiqui, Azeem Academy Urdu Bazar Lahore
3. Business Statistics by Aqdas Abbas, Iqra Book Depot Urdu Bazar Lahore
4. Business Mathematics by Nadeem Akhtar Siddiqui, Azeem Academy Urdu Bazar Lahore

