



Mahatma Gandhi Vidyamandir's

M.S.G. Arts, Science and Commerce College, Malegaon Camp Dist-Nashik

Department of Mathematics

Subject: Business Mathematics

Academic Year: 2021-22

SYLLABUS

Unit-I: Ratio-Gaining and Sacrificing Ratio, Proportion, Percentage, Commission, Discount and Brokerage.

Unit-II: Simultaneous Equations-Meaning, Characteristic, Types and Calculations, Preparation of Invoice.

Unit-III: Elementary Matrices-Definition and Calculations, Types of Matrices.

Unit-IV: Logarithms and Antilogarithms-Principles and Calculations, Simple and Compound Interest.

Unit-V: Average-Simple, Weighted and Statistical Averages, Arithmetic mean, Harmonic mean, Geometric mean, Profit and Loss.

Reference Books:

1. Business Mathematics by Clendenen, Salzman and Miller, Pearson Education India, 12th Edition.
2. Schaum's Outline of Basic Business Mathematics, Second Edition.