
Preface

The primary objective of this text book is to provide the basic concepts and applications of Mathematics suited to the needs of the students appearing for B.Com (Hons.), M.Com, B.B.A., M.B.A. and other professional examinations. This book covers the entire syllabus of the paper 'Business Mathematics' of third semester of the B.Com. (H.), University of Delhi.

The contents of this book reflect a special concern to present basic concepts in a way that the reader can understand and practice with a variety of illustrations and examples. Thus the approach is to communicate the practical aspects of Mathematics in a way that takes out the common fear of learning any mathematical subject.

There are thirteen chapters in this book and in each of them, the concepts are properly supported by illustrations followed by several varied types of examples to provide students an integrated view of theory and applications. A large number of self-practice problems with hints and answers have been added to each chapter to enable students to learn.

Most of the questions conform to the examination - style ones appearing in the University and Professional examinations.

We, gratefully, acknowledge the inspiration, encouragement and valuable suggestions received from the students and teachers who are teaching undergraduate and post graduate classes of several universities and schools of management.

We are thankful to Prof. R.C. Malhan of St. Stephen's College for his valuable suggestions. We express our gratitude to Dr. Dinesh Khattar, Principal of Kirori Mal College for his constant support and inspiration. Thanks are due to Dr. (Mrs.) Neelam Malhotra, Dr. (Mrs.) Deepa Thirwani, Dr. (Mrs.) Preeti Dharmara of Hans Raj College, Delhi, who are teaching this paper and have been helpful at various stages.

We also acknowledge our thanks to Dr. Ratnesh Rajan Saxena of Deen Dayal Upadhaya College, Dr. (Mrs.) Punita Saxena of College of Applied Sciences, Dr. G.R. Sawhney, Dr. Ritu Arora of Keshav Mahavidyalaya, Dr. (Mrs.) Anu Ahuja of Jesus and Mary College, Dr. R.M. Bhardwaj of SRCC, Dr. Pawan Bala,

Dr. Pratibha Kumar, Dr. S.K. Kaushik , Dr. S.P. Tripathi, Dr. Reeta Johar, Dr. Raj Kumar, Dr. Preeti Garg, Dr. B. Sem Thanga, Dr. V.K. Khanna and Dr. Asha Mittal of K.M. College for their valuable suggestions.

Dr. Ravinder Kumar Gupta, Principal, P.G.D.A.V. College (Evening), Dr. M.M. Goel and Dr. R.K. Sharma of P.G.D.A.V. College (Morning) were also helpful in the course of development of this text.

Finally, we express our sincere thanks to all those individuals who have been a source of inspiration and support both personally and professionally. We thank Mr. Yadav and Mr. Rajeev of Taxmann Publications who has taken keen interest in the book and tried his level best to bring the book in time.

Lastly, we must concede that this book would never have been written without the support, encouragement and prodding of our family members. Many thanks to them.

We have tried our best to make this book free from errors, omissions and discrepancies. Still if you find any potential errors or wish to seek any clarifications, please write to us. Your suggestions and comments for the improvement of this book will be thankfully received and duly incorporated in the subsequent edition.

DR. S.R. ARORA
srarora@yahoo.com

DR. KAVITA GUPTA
gupta_kavita31@yahoo.com