GOVERNMENT OF TAMILNADU

HIGHER SECONDARY SECOND YEAR

BUSINESS MATHEMATICS
AND
STATISTICS

A publication under Free Textbook Programme of Government of Tamil Nadu

Department of School Education

Untouchability is Inhuman and a Crime

NOT FOR SALE

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HOW TO USE THE BOOK?

Career Options — List of Further Studies & Professions.

Learning Objectives: — Learning objectives are brief statements that describe what students will be expected to learn by the end of school year, course, unit, lesson or class period.

Additional information about the concept.

Amazing facts, Rhetorical questions to lead students to Mathematical inquiry

Exercise — Assess students' critical thinking and their understanding

ICT — To enhance digital skills among students

Web links — List of digital resources

To motivate the students to further explore the content digitally and take them in to virtual world

Miscellaneous Problems — Additional problems for the students

Glossary — Tamil translation of Mathematical terms

Book for References — List of related books for further studies of the topic

CAREER OPTIONS IN BUSINESS MATHEMATICS and STATISTICS

Higher Secondary students who have taken commerce with Business Mathematics and Statiscs can take up careers in BCA, B.Com., and B.Sc. Statistics. Students who have taken up commerce stream, have a good future in banking and financial institutions.

A lot of students choose to do B.Com with a specialization in computers. Higher Secondary Commerce students planning for further studies can take up careers in professional fields such as Company Secretary , Chartered Accountant (CA), ICAI and so on. Others can take up bachelor's degree in commerce (B.Com), followed by M.Com, Ph.D and M.Phil. There are wide range of career opportunities for B.Com graduates.

After graduation in commerce, one can choose MBA, MA Economics, MA Operational and Research Statistics at Postgraduate level. Apart from these, there are several diploma, certificate and vocational courses which provide entry level jobs in the field of commerce.

Career chart for Higher Secondary students who have taken commerce with Business Mathematics and Statistics.

Courses	Institutions	Scope for further studies
B.Com., B.B.A., B.B.M., B.C.A., B.Com (Computer), B.A.	• Government Arts & Science Colleges, Aided Colleges, Self financing Colleges. • Shri Ram College of Commerce (SRCC), Delhi • Symbiosis Society's College of Arts & Commerce, Pune. • St. Joseph's College, Bangalore	**C.A., I.C.W.A, C.S.**
B.Sc Statistics	• Presidency College, Chepauk, Chennai. • Dr. Ambedkar Govt. Arts College, Vyasarpadi, Chennai - 39. • Govt. Arts College, Tindivanam, Villupram & Nagercoil. • Madras Christian College, Tambaram • Loyola College, Chennai. • D.R.B.C.C Hindu College, Pattabiram, Chennai.	**M.Sc., Statistics**
B.B.A., LLB, B.A., LLB, B.Com., LL.B. (Five years integrated Course)	• Government Law College. • School of excellence, Affiliated to Dr.Ambethkar Law University	**M.L.**
M.A. Economics (Integrated Five Year course) – Admission based on All India Entrance Examination	• Madras School of Economics, Kotturpuram, Chennai.	**Ph.D.,**
B.S.W.	• School of Social studies, Egmore, Chennai	M.S.W

CONTENTS

As the Statistics component of this text book involves problems based on numerical calculations, Business Mathematics and Statistics students are advised to use calculator

JW079

E-book

BONQS

Assessment