



GOVERNMENT OF TAMIL NADU

HIGHER SECONDARY FIRST 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

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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.



### Note

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



### Quick Response Code

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

### References

List of related books for further studies of the topic

#### Let's use the QR code in the text books!



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- Tap the QR code icon to scan QR codes in the textbook.
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**Note:** For ICT corner, Digi Links QR codes use any other QR scanner.



## CAREER OPTIONS IN BUSINESS MATHEMATICS AND STATISTICS

Higher Secondary students who have taken commerce with Business mathematics and statistics 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.	<ul style="list-style-type: none"> <li>Government Arts &amp; Science Colleges, Aided Colleges, Self financing Colleges.</li> <li>Shri Ram College of Commerce (SRCC), Delhi</li> <li>Symbiosis Society's College of Arts &amp; Commerce, Pune.</li> <li>St. Joseph's College, Bangalore</li> </ul>	C.A., I.C.W.A, C.S.
B.Sc Statistics	<ul style="list-style-type: none"> <li>Presidency College, Chepauk, Chennai.</li> <li>Dr. Ambedkar Govt. Arts College, Vyasarpadi, Chennai - 39.</li> <li>Govt. Arts College, Tindivanam, Villupram &amp; Nagercoil.</li> <li>Madras Christian College, Tambaram</li> <li>Loyola College, Chennai.</li> <li>D.R.B.C.C Hindu College, Pattabiram, Chennai.</li> </ul>	M.Sc., Statistics
B.B.A., LLB, B.A., LLB, B.Com., LL.B. (Five years integrated Course)	<ul style="list-style-type: none"> <li>Government Law College.</li> <li>School of excellence, Affiliated to Dr.Ambethkar Law University</li> </ul>	M.L.
M.A. Economics (Integrated Five Year course) – Admission based on All India Entrance Examination	<ul style="list-style-type: none"> <li>Madras School of Economics, Kotturpuram, Chennai.</li> </ul>	Ph.D.,
B.S.W.	<ul style="list-style-type: none"> <li>School of Social studies, Egmore, Chennai</li> </ul>	M.S.W

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



**E- Book**



**Assessment**



**DIGI Links**

