

UNIVERSITY OF MADRAS
Syllabus for Courses on Soft Skills
Common to all UG and 5 year Integrated Programmes of the
Affiliated Non-autonomous Colleges (w.e.f 2013-14)

BP4-SS014

QUANTITATIVE APTITUDE

Unit-1

Divisibility – HCF and LCM – Decimal Fractions – Square roots and Cube Roots
– Logarithms – Antilogarithms.

Unit-II

Averages – Percentage – Profit and Loss – Ratio and Proposition – Partnership –
Alligation and mixture.

Unit-III

Time and work – Pipes and Cistern – Time and Distance – Boats and Streams.

Unit-IV

Simple Interest – Compound Interest – Stocks and Shares – True Discount –
Banker's discount.

Unit-V

Area – Volume and surface Areas – Heights and Distances –
Data Interpretation : Tabulation – Bar Graphs – Pie Charts – Line Graphs.

Reference:

1. R.S. Aggarwal, Objective Arithmetic , S. Chand & Company, New Delhi , 2005
2. Govind Prasad Singh and Rakesh Kumar, Text Book of Quickest Mathematics (for all Competitive Examinations), Kiran Prakashan, 2012
3. R.S. Aggarwal, Quantitative Aptitude, S. Chand & Company, New Delhi, 2012




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