

Department of Mathematics

Value added course – Basic Mathematics for Competitive Exams

(Corporate aptitude Test, Bank, RRB, C.B.I ., L.I.C., P.O etc.,)

Syllabus

TOTAL HOURS : 50

S.No.	Topic
1.	HCF and LCM
2.	Decimal fractions
3.	Simplification
4.	Square root & Cube root
5.	Average
6.	Surds & Indices
7.	Percentage
8.	Profit & Loss
9.	Ratio & Proportion
10.	Time & Work
11.	Pipes & Cistern
12.	Allegation or Mixture
13.	Simple Interest
14.	Compound Interest
15.	Calendar
16.	Clocks
17.	Permutation & Combination
18.	Probability
19.	True Discount
20.	Banker's Discount
21.	Height & Distance
22.	Odd man out & Series
23.	Completion of series
24.	Data Interpretation - Tabulation
25.	Data Interpretation – Bar/Line/Pie Graphs