**Delhi Public School
Srinagar**

CLASS – **7th** ~ NOVEMBER, 2015

CLASSES REQUIRED	23
TOPIC	COMMERCIAL MATHEMATICS
CONCEPT & SKILLS	. Concept of ratio, use of ratios to compare quantities,proportions to compare ratios,unitary method & use to calculate unknown quantities, understand percentage as a fraction out of 100, to convert ratio into percentage & vice versa, to calculate increase Or decrease in percentage, profit, loss,profit% & loss% using CP & SP,S.I at given rate & for certain time period
LEARNING OUTCOMES	Students will use ratio & percentage to compare their performance with other students in the class.They will use these concepts in real life situations.They will corelate the concept of percentage with profit & loss.They will calculate amount due on deposits or loan and find equal instalments. They will convert fractions, decimals and ratios into percentage & vice versa. They will calculate simple interest
INSTRUCTIONAL TOOLS & REFERENCES	i) Text book ii) Online links for practice and concept reinforcement. iii) Activity –comparision of data
PEDAGOGY	Compare quantities using ratios, convert fractions & decimals to percentages & vice versa, apply percentages to compute profit & loss & simple interest, proportion as equality of two ratios
ACTIVITY / ASSIGNMENT / RESEARCH	i) Class assignments based on questions from the text book. ii) Group activity- To understand the concept of ratio iii) Concept & skill based questions to solve (other than text-book)
ASSESSMENT	i) Written assignment ii) Individual activity iii) Worksheet. iv) Group activity
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	Questions based on text book Exercises 8.1, 8.2, 8.3, 8.4 ; Revision Exercise.