

CLASS -8<sup>th</sup> ~ November, 2015

<b>CLASSES REQUIRED</b>	18
<b>TOPIC</b>	Commercial Mathematics
<b>CONCEPT &amp; SKILLS</b>	<ul style="list-style-type: none"> <li>To understand the meaning and concept of direct and inverse variation.</li> <li>To identify whether a given situation is of direct variation or inverse variation.</li> <li>To convert ratio into percentage and vice-versa.</li> <li>To calculate increase or decrease in certain quantity in terms of percentage.</li> </ul>
<b>LEARNING OUTCOMES</b>	<ul style="list-style-type: none"> <li>Students will be able to categorise real life situations into direct variation or inverse variation and then solve them accordingly.</li> <li>Students will be able to solve problems involving percentage change.</li> <li>Students will be able to solve problems involving profit and loss in day to day life.</li> <li>Students will be able to calculate discounts.</li> </ul>
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	<ul style="list-style-type: none"> <li>Text book .</li> <li>Online links for practise and concept reinforcement.</li> <li>Individual activity and practice questions.</li> </ul>
<b>PEDAGOGY</b>	<ul style="list-style-type: none"> <li>Lecture method.</li> <li>Discussion.</li> <li>Creating different examples of day to day life.</li> <li>Peer learning.</li> </ul>
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	<ul style="list-style-type: none"> <li>Class assignments based on questions from the text book.</li> <li>Group activity for direct and inverse variation.</li> </ul>
<b>ASSESSMENT</b>	<ul style="list-style-type: none"> <li>Written assignment</li> <li>Individual activity</li> <li>Worksheet.</li> <li>MCQ.</li> </ul>
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE</b>	Question based on Textbook; Revision Exercise.



<b>ASSESSMENT</b>	
-------------------	--