

CLASS – 7<sup>th</sup> ~ October, 2015

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| <b>CLASSES REQUIRED</b>                                  | 18                                                                                                                                                                                                                                                                                                           |
| <b>TOPIC</b>                                             | Simple linear equations                                                                                                                                                                                                                                                                                      |
| <b>CONCEPT &amp; SKILLS</b>                              | To identify linear equation , equations in one variable and linear equation in one variable<br>To learn different methods of solving an equations<br>To construct the equation for the situations given in the form of word problems<br>To verify the solution of an equation                                |
| <b>LEARNING OUTCOMES</b>                                 | The students will be able -<br>Solve a linear equation with one variable involving one or two operations<br>Apply trial and error method to solve a linear equation<br>Apply the method of transposition to solve a linear equation<br>Identify the operation involved in word problem in a linear equations |
| <b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>              | i) Text book<br>ii) practice questions .<br>iii) individual activity                                                                                                                                                                                                                                         |
| <b>PEDAGOGY</b>                                          | Lecture method<br>Quiz method<br>Student teacher discussion<br>Peer learning                                                                                                                                                                                                                                 |
| <b>ACTIVITY / ASSIGNMENT / RESEARCH</b>                  | i) Class assignments based on questions from the text book.<br>ii) Group Activity-                                                                                                                                                                                                                           |
| <b>ASSESSMENT</b>                                        | i) Written assignment<br>ii) Individual activity<br>iii) Group activity<br>iv) Worksheet                                                                                                                                                                                                                     |
| <b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b> | Questions based on text book Exercises ,Revision Exercise.<br>.                                                                                                                                                                                                                                              |