**Subject:- Mathematics**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Month** | **Wd** | **Chapter** | **Activities** | **Assignment** |
| April | 22 | Ch-1  Rational numbers  Ch-2  Operation on rational number | Role play showing number line  Addition of rational numbers by cutting and pasting | worksheets  worksheets |
| **UT-1 (Part 1)**  **SYLLABUS-CH-2** | | | | |
| may | 24 | Ch-3  rational number as decimals  Ch-14  Visualising Solids | To enable the student to convert rational numbers into decimals  Representation of shapes on graph paper | worksheets  worksheets |
| **UT-1 (Part 2)**  **SYLLABUS-CH-3** | | | | |
| June | **Summer break** | | | |
| July | 24 | Ch-4  Exponent and powers.  Ch-5  Application of percentage  Ch-12  Data handling | Verification of law’s  To solve problem of percentage by daily life activities  Represent the strength of all section of class -7 by double bar graph, | Worksheets  Worksheets  Worksheets |
| August | 22 | Ch-8  Triangles and its properties  Ch-9  Congruent triangle  Ch-10  Construction of triangles | Types of triangle chart  Congruency concept by paper cutting,  Analyze the type of triangles on the bases of sides and on the bases of angles  A visit to math’s lab. | Worksheets  Worksheets  Worksheets |
| Sept. | 23 | **Revision and half yearly exams**  **Syllabus-1,2,3,4,8,9,10,12** | | |
| Oct. | 19 | Ch-6  Algebraic expression  Ch-7  Linear equation in one variable | Type of polynomials  Balancing of equation | Worksheets  Worksheets |
|  | **Syllabus UT- 2 (Part 1)**  **Chapter 6** | | | |
| Nov. | 22 | Ch-11  Perimeter and area  Ch-13  Symmetry | Differentiation of perimeter and area  Concept of symmetry by ink dot design | Worksheets  Worksheets |
| Dec. | 24 | **Revision** | | |
|  |  | **Syllabus for UT -2 (Part 2)**  **Chapter- 11** | | |
| Jan. | 13 | **Revision** | | |
| Feb. | 23 | **Annual Examination**  **Syllabus Chapter 1 to 14** | | |

**BLUE PRINT**

**MATHEMATICS – VII**

|  |  |  |  |
| --- | --- | --- | --- |
| **Total Marks** | **80** | **Total Marks** | **80** |
|  |  |  | Marks × Q. |
|  |  |  | 1×20 = 20 |
|  |  |  | 2×5 = 10 |
|  |  |  | 3×6= 18 |
|  |  |  | 5×4=20 |
|  |  |  | Case base 4×3=12 |
|  |  |  | **Total -80** |