

Scholastic Year : 2017-2018

Class: SE1 → SE2 (Hum)

Math

Subject : Concepts required for the Math Make-up Exam

1. **Counting.** (Arrangement – Permutation).

1. **First Degree Equations in one unknown.**

(solving equations with absolute value – solving problems using first degree equations)

2. **Linear Inequalities in one unknown**

(solving inequalities and systems of inequalities in one unknown – solving problems using first degree inequalities)

3. **Study of functions .**

(Domain of definition – representative curve– parity of a function – sense of variation of a function – Extremum of a function – graphical reading and table of variations of a function – draw the representative curve of a function – graphical solution of an equation and an inequality – graphical comparison of two functions on an interval)

4. **Polynomials.**(null polynomial – equal polynomials – identical polynomials – reduce and order a polynomial - Operations on polynomials – Factorization of a polynomial – Euclidean division)