

# Syllabus for Students studying in Class IX

## (A) Mathematics:

**(1) Number Systems, (2) Algebra:** Polynomials, Linear Equations In Two Variables, **(3) Coordinate Geometry, (4) Geometry:** Introduction To Euclid's Geometry, Lines And Angles, Triangles, Quadrilaterals, Area, Circles, Constructions, **(5) Mensuration:** Areas, Surface Areas And Volumes **(6) Statistics and Probability**

## (B) Social Studies (Economics)

**1. People as Resource:** Introduction of how people become resource / asset; economic activities done by men and women; unpaid work done by women; quality of human resource; role of health and education; unemployment as a form of non utilisation of human resource; socio political implication **2. Poverty as a Challenge:** Who is poor ; indicators; absolute poverty; unequal distribution of resources; comparison between countries; steps taken by government for poverty alleviation **3. Food Security in India:** Source of Food grains, variety across the nation, famines in the past, the need for self sufficiency, role of government in food security, procurement of food grains, overflowing of granaries and people without food, public distribution system, role of cooperatives in food security

## (C) Business Awareness:

Who's who in the Business world; Life of the Business personalities & General Knowledge pertaining to the Business World

## (D) Aptitude Test:

Letter Series, Wrong Letter series, Repeat Series, Number Series, Wrong Number Series. Analogies or Relationships: Letter Analogy & Number Analogy, Coding and Decoding: Coding, Decoding, Coding Words, Column Coding. Place and arrangement, Distance and Direction,