Syllabus for Entrance Test
Grade – X

English
1. Comprehension from unseen Passage as well as from poems
2. Verb Forms (Tenses)
3. Subject Verb Agreement
4. Modals
5. Determiners
6. Prepositions
7. Reported speech
8. Active and Passive Voice
9. Letter Writing- Formal & Informal

Mathematics
1. Circles
    i. The angle subtended by an arc at the Centre is double the angle subtended by it at any point on the remaining part of the circle.
    ii. The sum of either pair of opposite angles of a cyclic quadrilateral is 180º.
2. Herons formula (Area of triangles)
3. Volume and surface areas of Cone, Sphere and Hemisphere
4. Statistics (Histogram with varying base lengths, frequency polygon)
5. Polynomials (Zeroes of a Polynomial, Factorisation of Polynomials, Algebraic Identities)

Science:

Physics
1. Motion
2. Force and Laws of Motion
3. Gravitation
4. Work & Energy

Chemistry
1. Is matter around us pure
2. Atoms and Molecules
3. Structure of Atom
4. Matter in our surroundings

Biology
1. Fundamental unit of life
2. Management of food resources