1.) **Basic Mathematics and Geometry Fundamentals**
   - Fundamental Geometry, Circle, Area and Volume calculation of different shapes

2.) **General English**

3.) **Analytical reasoning and mental ability**

4.) **Architecture –**
   - **Architectural awareness**
     - Architectural observation from surroundings
     - Understanding of colours and colour schemes
     - Identifying commonly used materials and objects based on their textural qualities
   - **2D-3D Graphic skills and Aesthetic sensitivity**
     - Visualising three dimensional objects from two dimensional drawings.
     - Visualising different sides of three dimensional objects.
     - Imaginative comprehension and expression.
     - Understanding of scale and proportions.
     - Sense of perspective drawing