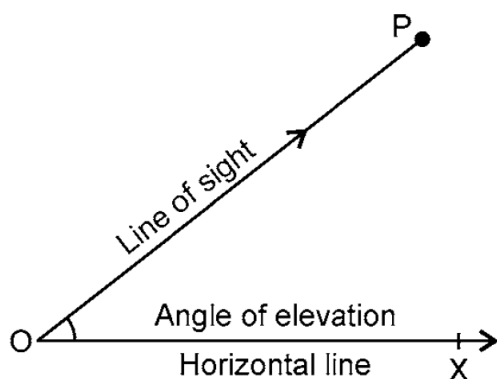### Basic Concepts

1. **Line of sight**: When an observer looks from a point O at an object, then the line OP is called the *line of sight*.
2. **Angle of elevation**: The angle which the line of sight makes with the horizontal line through O is called the *angle of elevation* of P, as seen from O; i.e. ∠XOP.
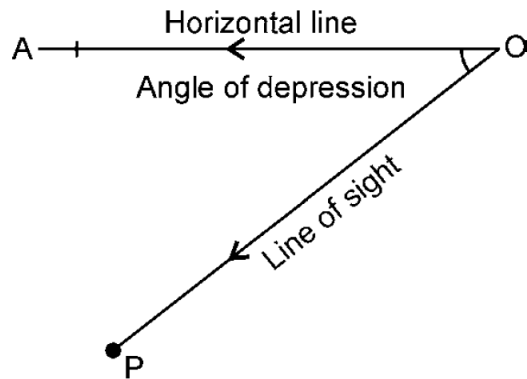   **OR**
   The angle of elevation of an object viewed, is the angle formed by the line of sight with the horizontal when it is above the horizontal level, i.e. the case when we raise our head to look at the object.

3. **Angle of depression**: The angle which the line of sight makes with the horizontal line through O is called the *angle of depression* of P, as seen from O.
   OR
   The angle of depression of an object viewed, is the angle formed by the line of sight with the horizontal when it is below the horizontal level, i.e., the case when we lower our head to look at the object.

4. **Altitude of the Sun**: The altitude of the sum is simply the angle of elevation of the sun.