## Class-VII(CANCEPT MAP) LIGHT Form of energy that causes the sensation of energy E.g.Sun, bulb etc. Luminous body Source of light E.g. chair, moon Non- luminous body Transparent Optical medium Translucent E.g.froasted glass E.g.chair Opaque Reflection Reflecting surface Characteristics: Plane mirror laterally inverted, image as same size of object, object distance and image distance are equal Light gets reflected from Silver coating concave surface Principal Principal. Aperture . axis Aperture axis Spherical mirror Light reflect ntre of curvature from convex surface Radius of curvature Convex mirror Concave mirror Light AIR Angle of Refraction Angle of refraction WATER Dispersion:Splitting of light in to seven colours. Glass Optical Optical Centre Centre Radius of Radius of Curvature Centre of Curvature Centre of Curvature Curvature

Principal

axis

Convex lens

Spherical lens

Principal

Concave lens