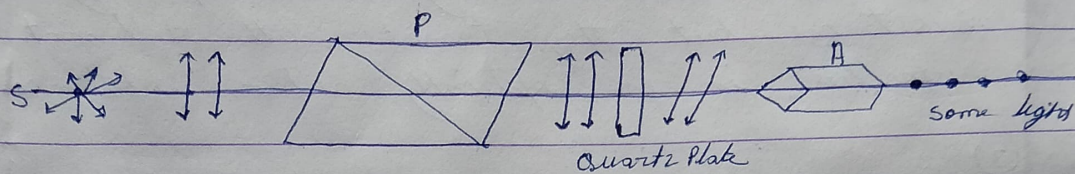
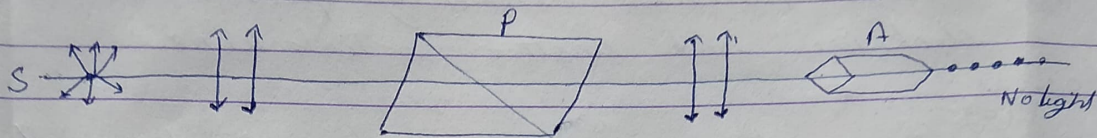


OPTICAL ACTIVITY →

The ability of substance to rotate plane of Polarisation about the direction of light is called as optical activity.

The substance which can rotate plane polarised light is called as optical active substance.



There are two types of optically active substance

(1) Dextro rotatory

(2) Laevo rotatory

(1) Dextro rotatory →

The substance which rotates the plane of vibration in the clockwise with respect to the observer looking towards the source from the analyser is called as dextro rotatory

Ex - Fruit sugar, Quartz crystal etc.

(2) Laevo rotatory →

The substance which rotates the plane of vibration in the anticlockwise with respect to the observer looking towards the source from the analyser is called as laevo rotatory.

Ex - Cone sugar solution