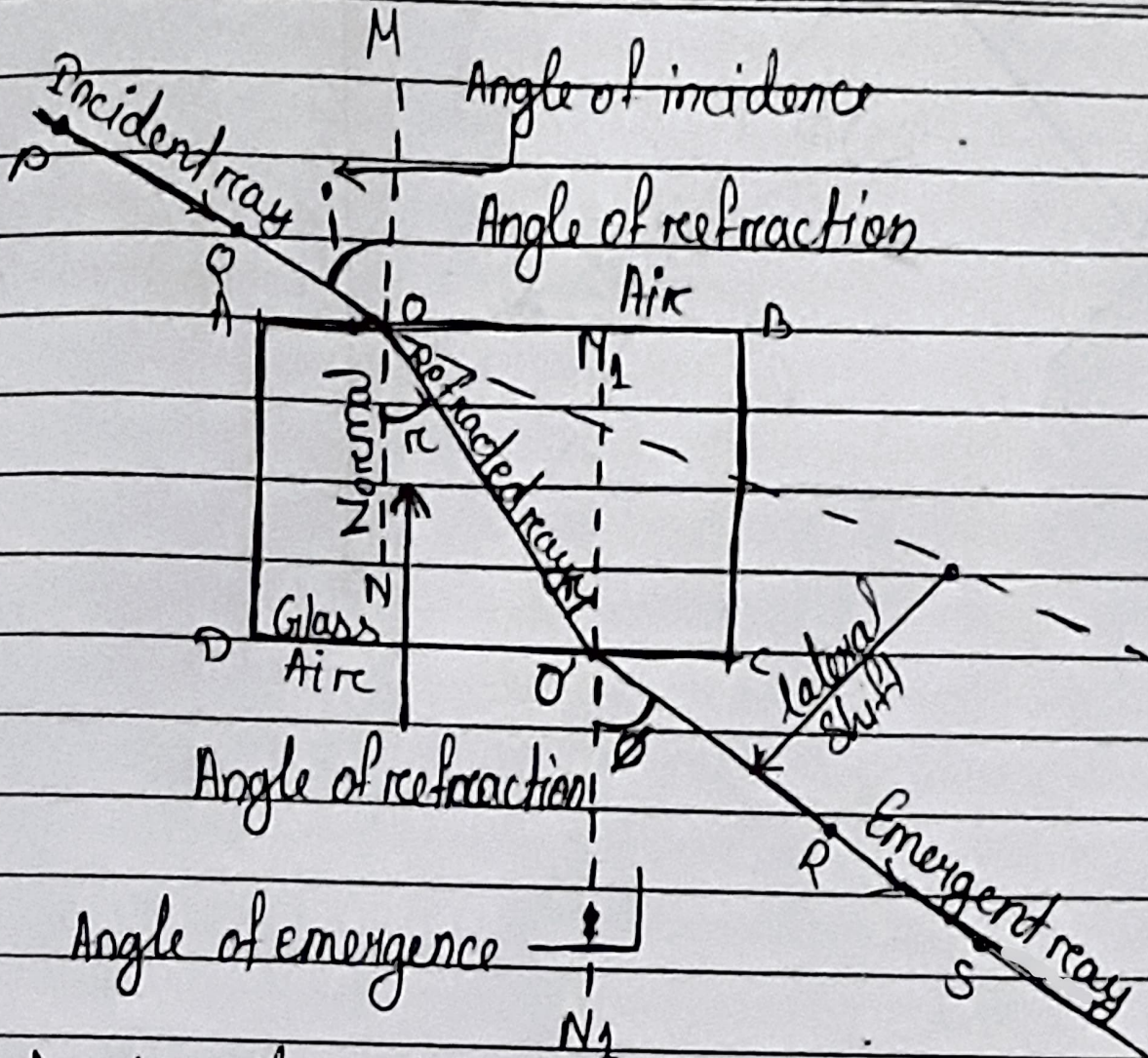


1) Define refraction of light

Ans → The change in the direction of path of light when it passes from one transparent medium to another is called refraction of light.

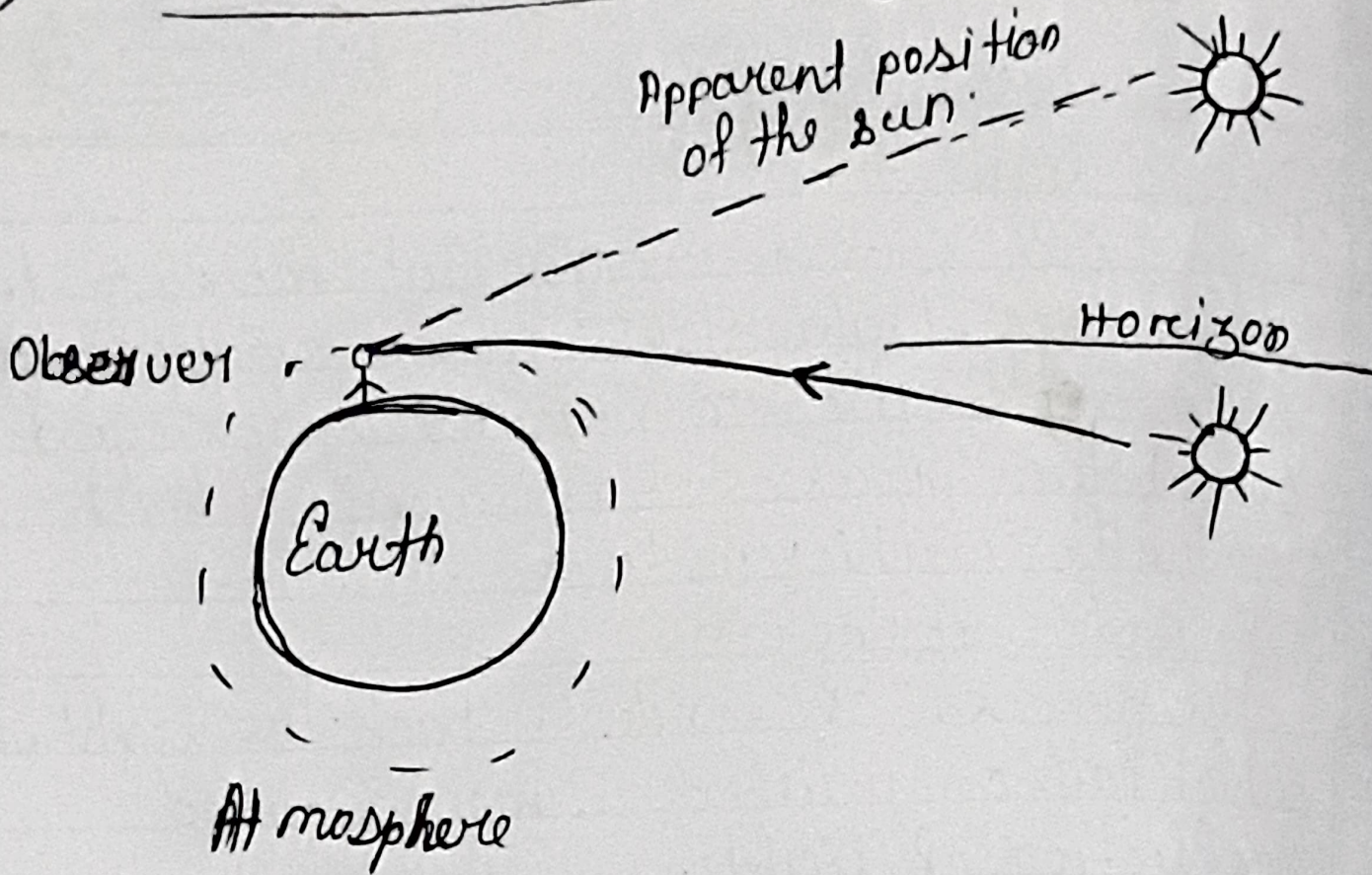
2)



Refraction through a rect angular glass slab.



### 3) Advance sunrise and delayed sunset



- \* The sun is visible to us about two minutes before the actual sunrise and about two minutes after the actual sunset because of atmosphere refraction.
- \* When the sun is slightly below the horizon, the sunlight comes from less dense to denser air. So it is refracted downwards, due to this the sun appears to be raised above the horizon and we see it before the sunrise.