

Q 8:- How the theory of light  
light is propagated in form of waves.  
These waves are emitted by the source of  
light and travel in straight lines with a  
uniform velocity through a homogeneous medium.  
When light enters our eyes it creates an  
optical impression on the retina. Hence we  
get the sensation of light.

Different colours are due to different  
wavelengths of light waves.

Light waves are mechanical waves. For  
propagation of these waves a hypothetical  
medium called "luminiferous ether" is  
present everywhere.