

CHAPTER- 15 LIGHT**WORKSHEET FOR MODULE -1/3****Q.1. Fill in the blanks**

- (a). Light travels along a _____ path.
- (b). Speed of light in air is _____.
- (c). Light is composed of tiny particles called _____.
- (d). An image that cannot be obtained on a screen is called _____.
- (e). The image formed in cinema screen is _____.

Q.2. State whether following statements are true or false

- (a). A real image cannot be obtained on a screen .
- (b). Light travels in a circular path.
- (c). The direction of light can be changed with the help of a mirror.
- (d). Right hand appears left in its image.
- (e). We can see a candle through a straight pipe but not through a bent pipe.

Q.3. Answer the following questions.

- (a). State two properties of light
- (b). Suggest an activity which shows that light travels along a straight path. Explain.
- (c). When we see an ambulance we see that the letters which actually appears to right is seen by us on left side. What is this effect called?
- (d). What is reflection of light? How does it take place ?
- (e). How will you make a plane mirror from a glass sheet ?
- (f). Write an activity that demonstrates reflection of light by a plane mirror.
- (g). Write the characteristics of image formed by a plane mirror.