



# INDIAN SCHOOL

( RUN BY GYAN ASHA EDUCATIONAL SOCIETY )

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## Class 8

### Science worksheet

#### Chapter - 16 Light

##### Question 1

FILL IN THE BLANKS:

1. We use \_\_\_\_\_ to see images of ourselves or other objects.
2. The line drawn perpendicular to the surface of the mirror at the point of incidence is termed as the \_\_\_\_\_.
3. The angle of incidence is \_\_\_\_\_ to the angle of reflection.
4. The exposed surface of the eyeball has a transparent covering called \_\_\_\_\_.
5. \_\_\_\_\_ is also called nearsightedness and shortsightedness.

##### Question 2

STATE THE FOLLOWING AS TRUE OR FALSE:

1. Trees are the example of luminous objects.
2. The angle between the reflected ray and the normal at the point of incidence is called angle of incidence.
3. In mirror, the size of the image is the same as the size of the object.
4. Real images are formed on the screen.
5. The set of seven colours into which white light can be separated is called spectrum.

##### Question 3

CHOOSE THE CORRECT OPTION:



(a)The sun is the example of \_\_\_\_\_.

i.Reflection

ii.Luminous objects

iii.Non luminous object

iv.Mirror

(b)Which disorder caused by the small size of eyeball than normal?

i.Myopia

ii.Hypermertopia

iii.Cataract

iv.Shortsightedness

(c)Vitamin A is good for\_\_\_\_\_.

i.Eye

ii.liver

iii.Heart

iv.All of these

(d)How many types of non-optical aids?

i.Three

ii.Two

iii.Four

iv.None of these

(e)What is the name of white part of the eye?



i.Pupil

ii.Iris

iii.Sclera

iv.Cornea

#### Question 4

Very short answer type questions:

(i)Give any four example of vitamin A.

(ii)What is pupil?

(iii)How many types of defects of vision?

(iv)What should we do to take care of our eyes?

(v)Name any two non- optical aids?

