

**PRACTICE WORKSHEET**

**CLASS VIII**

**CH-16- LIGHT**

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|-----|---|
| 1.  | A mirror changes the _____ of light falling on it.  |
| 2.  | The size of pupil becomes _____ when you see in dim light.  |
| 3.  | Which of the following is correct regarding cones and rods in the human eye?<br>a) cones are sensitive to dim light    b) cones are sensitive to bright light<br>c) rods are sensitive to bright light    c) rods can sense colours   |
| 4.  | How many images will be formed if two plane mirrors are kept at an angle of 180 degree to each other?<br>a) 1    b) 2    c) 3    d) 4   |
| 5.  | Define: a) angle of incidence    b) blind spot  |
| 6.  | Match the following:<br>1. kaleidoscope                      a. Controls the amount of light<br>2. iris                                      b. Luminous object<br>3. sun                                        c. reflection<br>4. mirror                                    d. Multiple reflection |
| 7.  | Name the disease caused by the deficiency of vitamin A.   |
| 8.  | How is a ray of light different from beam of light?   |
| 9.  | How many times is a ray of light reflected by two plane mirrors placed parallel and facing each other?  |
| 10. | State the two laws of reflection.   |
| 11. | Write the function of the following parts of human eye:<br>a) retina    b) optic nerve    c) ciliary muscles  |
| 12. | Explain the three defects of eye and their rectification.   |