



## ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

- **Subject : Physical science Worksheet-3 Class 7**
- **Date : 13.05.2020**

- **Chapter: Light**

- **Answer the following questions (MCQ) : (1×15)**

**Q 1. The materials which allow some light to pass through them are called**

- A. transparent
- B. translucent
- C. opaque
- D. semi-absorbent

**Q2: In human eye the light is refracted by**

- A. cornea
- B. lens
- C. both a and b
- D. retina

**Q3: The splitting of white light in to its component colors is called**

- A. reflection
- B. refraction
- C. dispersion
- D. diffusion

**Q4: When light is refracted through glass prism it will give**

- A. rainbow colors
- B. primary colors
- C. secondary colors
- D. cool colors

**Q5: Light refracts due to its**

- A. speed
- B. volume
- C. density
- D. area

**Q6: A tube containing two or more plane mirrors inclined at certain angles to each other is called a**

- A. microscope
- B. telescope
- C. kaleidoscope
- D. periscope

**Q7: light ray strikes a surface at right angle , it is reflected along**

- A. same path
- B. opposite direction

- C. reflected acutely
- D. obtuse reflected

**Q8: Diamond is a**

- A. transparent
- B. translucent
- C. opaque
- D. semi-absorbent

**Q9: Shadows are formed due to way of light which always travel in**

- A. straight line
- B. divergent line
- C. convergent line
- D. clusters

**Q10: A rainbow colored disc was given by**

- A. Newton
- B. Einstein
- C. Tom
- D. None of these

**Q11: Bouncing off or returning of light after striking a surface is called**

- A. reflection
- B. refraction
- C. transmission
- D. mirror

**Q12: Fluid which reflects all the colors of white light is**

- A. water
- B. milk
- C. orange juice
- D. vinegar

**Q13: Mirrors which have curved surfaces are**

- A. concave
- B. convex
- C. both a and b
- D. plane

**Q14 : A mirror which have reflected surface bulges outwards is called a**

- A. convex mirror
- B. concave mirror
- C. plane mirror
- D. cosmetic mirror

**Q15: A street lamp is example of**

- A. extended light source
- B. point source light
- C. both a and b
- D. none

**Teacher- PiyaliHalder**