



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

- **Subject : Physical science Answers of 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

Answer B translucent

Q2: In human eye the light is refracted by

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

Answer C both a and b

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

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

Answer C dispersion

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

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

Answers A rainbow colors

Q5: Light refracts due to its

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

D. area

AnswerA speed

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

AnswerC kaleidoscope

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

Answer A same path

Q8: Diamond is a

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

Answer A.transparent

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

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

AnswerA.straight line

Q10: A rainbow colored disc was given by

- A. Newton
- B. Einstein
- C. Thomson
- D. Steve jobs

Answer A.Newton

Q11:The bouncing off or returning of light after striking a surface is called

- A. reflection
- B. refraction

- C. transmission
- D. mirror

AnswerA.reflection

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

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

Answer D.vinegar

Q13: Mirrors which have curved surfaces are

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

Answer both a and b

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

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

Answerconcave mirror

Q15: A street lamp is example of

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

AnswerA.extended light source

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