

**Class: 6**

**Subject: Physics**

**Topic: Lights, Shadows and Reflection**

**No. of Questions: 20**

**Duration: 60 Min**

**Maximum Marks: 60**

1. \_\_\_\_\_ objects help us to see objects.

- a. Non luminous
- b. Luminous
- c. Battery
- d. God

Ans. A

2. Objects that give out or emit light of their own are called \_\_\_\_\_

- a. Luminous
- b. CFL
- c. Bulb
- d. LED

Ans. A

3. \_\_\_\_\_ objects allow light to pass through them completely.

- a. Transparent
- b. Translucent
- c. Opaque
- d. Transparacent

Ans. A

4. \_\_\_\_\_ objects do not allow the light to pass through it at all.

- a. Transparent
- b. Translucent
- c. Opaque
- d. Transparacent

Ans. C

5. \_\_\_\_\_ objects allow the light to pass through them partially.

- a. Transparent
- b. Translucent
- c. Opaque
- d. Transparacent

Ans. D

6. Light travels in a \_\_\_\_\_.

- a. Curved path
- b. Triangular Path
- c. Optical fiber
- d. Straight path

Ans. D

7. \_\_\_\_\_ is formed when an opaque object comes in the path of light

- a. Image
- b. Object
- c. Shadow
- d. Magnified image

Ans. C

8. \_\_\_\_\_ and \_\_\_\_\_ objects are essential for the formation of shadows on a screen.

- a. Screen, Light
- b. Screen, Luminous
- c. Light, Luminous
- d. Light, Screen

Ans. D

9. A shadow cast by heavenly bodies is called a/an \_\_\_\_\_

- a. Dark Circle
- b. Night
- c. Umbra
- d. Eclipse

Ans. D

10. Images formed by a pin –hole camera is \_\_\_\_\_

- a. Erect
- b. Magnified

- c. Inverted
- d. None

Ans. A

11. We can see \_\_\_\_\_ of the object in the mirror.

- a. Back side
- b. Weight
- c. Image
- d. None

Ans. C

12. All sources of light can be classified into two categories \_\_\_\_\_ and \_\_\_\_\_

- a. Man made, Artificial
- b. Natural, Artificial
- c. Luminous, Non Luminous
- d. Dark, Bright

Ans. B

13. Moon and planets do not emit light of their own, but they reflect the light of the \_\_\_\_ falling on them.

- a. Planets
- b. Venus
- c. Mercury
- d. Sun

Ans. D

14. A non-luminous body can be made luminous by \_\_\_\_\_ it.

- a. Painting
- b. Scrubbing
- c. lighting
- d. Connecting to a battery

Ans. C

15. A source of light which is of the size of the head of a common pin is called \_\_\_\_\_ source of light

- a. Pin
- b. Head
- c. Tip
- d. Pointed

Ans. D

16. What helps to change the direction of light that falls on it?

- A. Mirror
- B. Glass
- C. Wood
- D. Bulb

Ans. A

17. Images from the shadows are

- A. Same
- B. Sometimes same
- C. Different
- D. Sometimes Different

Ans. C (Shadows have different Shape, Orientation, Size and color)

18. Torch bulb is

- A. Luminous
- B. Natural
- C. Non Luminous
- D. Metal

Ans. A

19. Which objects cast shadow?

- A. Transparent
- B. Opaque
- C. Big objects
- D. Artificial

Ans. B

20. Colored objects form \_\_\_\_\_ shadows.

- A. Colored
- B. White
- C. Dark
- D. Black and white

Ans. C (Shadows are always black)