

## CBSE VII - Science Questions

### Question 1

Light travels along a \_\_\_\_\_.

- A) straight line
- B) circular path
- C) zigzag path
- D) straight line for some distance and then travels in a zigzag path

### Question 2

Light from a candle is not visible when it is seen through a narrow bent tube, because \_\_\_\_\_.

- A) light is absorbed by the tube
- B) light travels in a straight line
- C) candle does not give light
- D) a tube is narrow and light can't pass through it

### Question 3

Which of the following changes the direction of light?

- A) A board painted black
- B) A black body
- C) Carbon suit
- D) A mirror

### Question 4

The path of the light can be changed by \_\_\_\_\_.

- A) a polished surface
- B) a black body
- C) a black surface

D) passing it through vacuum

**Question 5**

A mirror changes the direction of light that falls on it. This property is called \_\_\_\_\_ of light.

- A) changing
- B) bending
- C) spreading
- D) reflection

**Question 6**

Which of the following cannot change the direction of light?

- A) A mirror
- B) A shiny spoon
- C) A block of wood
- D) A stainless steel plate

**Question 7**

The surface of water can also act like a mirror and change the path of light.

- A) True
- B) False

**Question 8**

The surface of \_\_\_\_\_ acts like a mirror and can change the path of light.

- A) a road
- B) water
- C) a black board
- D) a wooden board

**Question 9**

**Any polished or shiny surface can act as a \_\_\_\_.**

- A) mirror**
- B) shield**
- C) concave lens**
- D) convex lens**

**Question 10**

**When a lighted candle is placed in front of a plane mirror, you can see a similar candle placed behind the mirror. The candle that appears behind the mirror is the image of the candle formed by the mirror.**

- A) True**
- B) False**