

2.11/2021

- (1) Ans - diff. source
- (2) Ans No not form a shadow
- (3) ~~Ans~~ The color of the shadow of an object is always black. does not depend on its color of the object.
- (ii) Ans  transparent object allows most of the light to pass through them ~~partially~~
- 4 Ans We can obtain more than one shadow of an object if light from more than one source falls on it
- (5) Ans apply oil or butter
- (6) Ans Pinhole camera does not change the colour of the image and it is same as that of the object. But, image formed is ~~inverted~~ inverted and left-right reversed
- 7 Ans Glass sheet

(8) Ans (c) Both the size of the shadow and shape of the shadow of the tree change.

(9) Ans D

(10) Ans • The bird or an airplane flying high in the sky do not cast their shadow on the ground because they are at very high altitude due to which the ground which acts as screen for the shadow is far away and in absence of the screen the shadow cannot be formed.