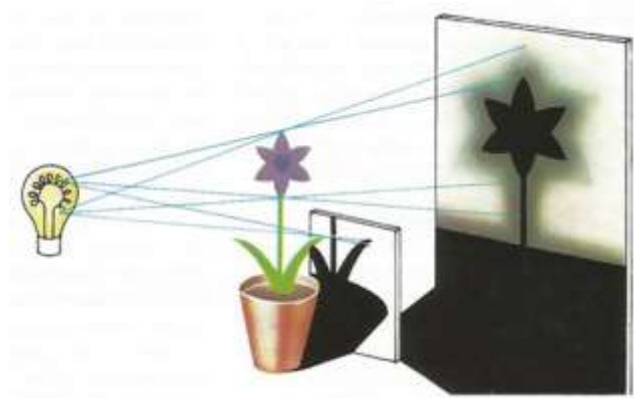


1. Define translucent objects with an example.

2. Why do we need insulators? Include an example in your answer.

3. State three conditions necessary for the formation of a shadow.

4. The following image is a shadow of a flower on the screen by placing it between screen and the bulb.

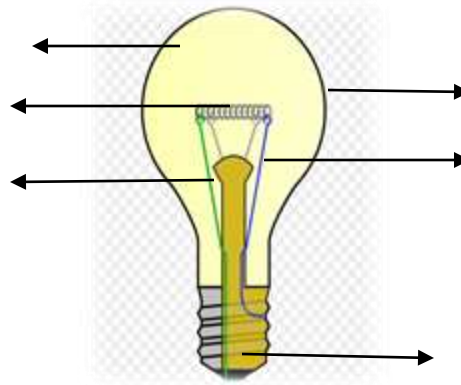


a) What will happen to the size of the shadow of flower if we moved the bulb away from the flower?

b) What will happen if we move the bulb towards the flower?

5. How should we handle electrical appliances in our homes? What precautions can we take outside our homes to prevent electric shocks?

6. label the parts of an electric bulb.



7. How do the different parts of an electric bulb help it to work?

8. Why do some parts of the earth witness a solar eclipse? Explain and draw a diagram to support your answer?