

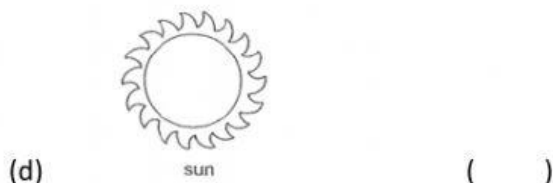
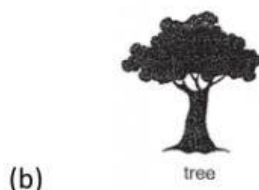


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Section A. Multiple Choice Questions.

I. Choose the correct answer and write it in the brackets given below.

1. Which one of the following is a source of light ?



2. The moon is able to shine at night because it _____?

- (a) glows in the dark (b) reflects light from the Sun
(c) is a source of light (d) reflects light from the Earth ()

3. Which of the following are correct?

- A. Light is a form of energy.
B. Light allows us to see things in our surroundings.
C. Things that give off light are known as sources of light
D. Light travels in straight lines.

- (a) A and B only (b) B and D only
(c) A, B and C only (d) A, B, C and D ()

4. Which one of the following statements about the shadow of an object is correct?

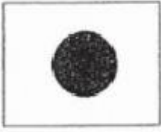
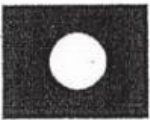
- (a) It is always of the same size as the object
(b) It is always of the same shape as the object
(c) It is always of the same colour as the object
(d) It is formed when light is completely or partially blocked ()



Study the diagram below. Answer question 5 & 6 & 7



5. Which one of the following would most likely be seen on the screen ?

- (a)  (b) 
- (c)  (d)  ()

6. What would happen to the shadow formed on the screen when the screen is moved nearer to the ball?

- (a) The shadow will disappear.
(b) The shadow will become bigger
(c) The shadow will become smaller
(d) The shadow will remain unchanged ()

7. What would happen to the shadow formed on the screen when the ball is moved nearer to the torch?

- (a) The shadow will disappear.
(b) The shadow will become bigger
(c) The shadow will become smaller
(d) The shadow will remain unchanged ()

8. Which of the following is opaque object?

- (a)  A brick wall (b)  water
- (c)  glass (d)  sunglasses ()



9. The image shows an object that is _____



- (a) opaque
(c) translucent

- (b) transparent
(d) luminous ()

10. Shadows are shortest _____.

- (a) in the morning
(c) in the afternoon

- (b) at noon
(d) at night ()

Section B. Open-ended Questions

II. Which of the following are sources of light? Tick the correct answers.





II. Study the following table.

Group A	Group B
The Sun	Television
Firefly	Traffic light
X	Y

- a. What are the headings for groups A and B ?

Group A : _____

Group B : _____

- b. Which of the following can be X and Y ?



Fireworks



Moon



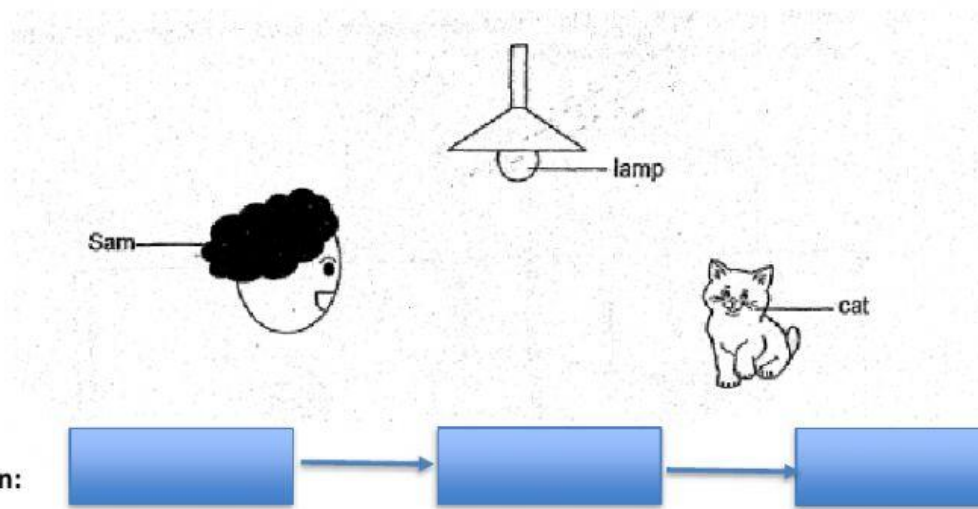
Star

X : _____

Y : _____



II. Show the path taken by light ray which enables Sam to see the cat.



III. What types of materials are the followings? Write “transparent”, “tranlucent” or “opaque”.

a.



b. Your grandma has plants in her kitchen. They need lots of light! What type of windows should she have installed that will be best for her indoor garden?
