

## Light and its sources

### A. Choose the Correct Answer:

1. What is the main natural source of light on Earth?

- a) Moon
- b) Sun
- c) Stars
- d) Fireflies

2. Which of the following is an artificial source of light?

- a) Sun
- b) Candle
- c) Stars
- d) Fire

3. What is light?

- a) A form of heat energy
- b) A form of chemical energy
- c) A form of electrical energy
- d) A form of energy that enables us to see objects

### B. Fill in the Blanks:

1. The \_\_\_\_\_ is the primary natural source of light.
2. Light helps us to \_\_\_\_\_ objects around us.
3. A torch is an example of an \_\_\_\_\_ source of light.

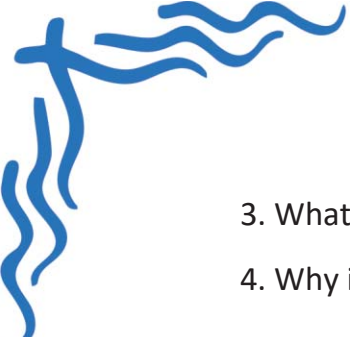
### C. Case Study:

Rahul and his friends were camping in the forest.

- During the day, they enjoyed the sunlight while exploring.
- At night, they lit a campfire and used torches to see in the dark.
- They also saw fireflies glowing in the bushes.
- Their science teacher later explained that the Sun is a natural source of light, while torches and campfires are artificial sources.

#### Case Study Questions:

1. What natural source of light did Rahul and his friends use during the day?
2. What artificial sources of light did they use at night?

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3. What was the special light source they saw in the bushes?
  4. Why is light important during nighttime activities like camping?

**D. Short Answer Questions:**

1. What is light?
2. Name two natural sources of light.
3. Give two examples of artificial sources of light.

**E. Long Answer Questions:**

1. Differentiate between natural and artificial sources of light with examples.
  2. Why is light important in our daily lives? Explain with examples.
  3. Describe how artificial light sources are used in modern life and their benefits.
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