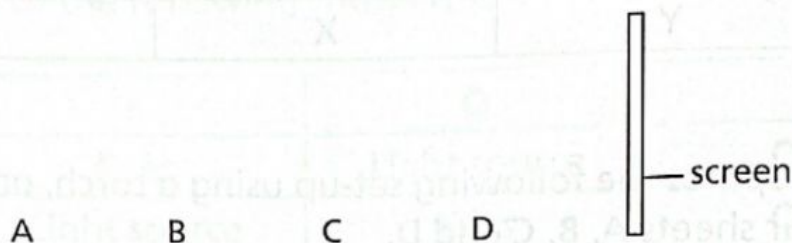


Which of the following materials is most suitable to be made into the reflector strips on the safety helmet of a cyclist?

- (1) P (2) Q
(3) R (4) S

()

54. Study the diagram below.



Suresh has a torch and a stick. Which of the following will result in the biggest shadow formed on the screen?

| | Position of torch | Position of stick |
|-----|-------------------|-------------------|
| (1) | A | C |
| (2) | A | D |
| (3) | B | C |
| (4) | B | D |

()

Section B: Open-ended questions

Write your answers in the spaces provided.

1. Jeannie learnt that plants will not be able to make food in the absence of light.

(a) How will other living things be affected by this implication?

(b) State another importance of light.

2. Study the diagrams below.



Sun



Fireworks



Firefly



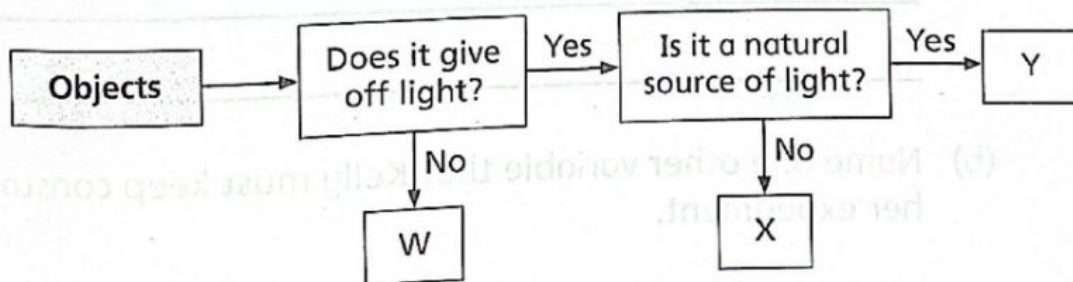
Fire

(a) What do the above things produce?

(b) Classify the above objects in the following table.

| Natural sources of light | Artificial sources of light |
|--------------------------|-----------------------------|
| | |
| | |

3. Study the flow chart below.



Suggest examples for objects W, X and Y.

Object W: _____ Object X: _____

Object Y: _____