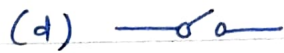
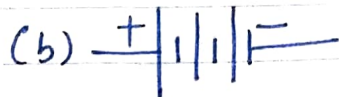
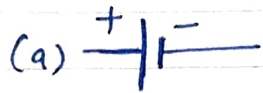
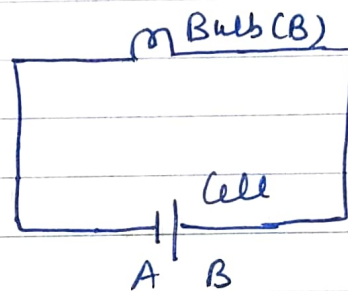


Q 19: → Write the names of the following symbols which are the components of an electric circuit.

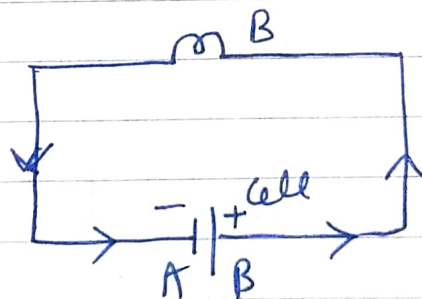


Ans (a) Cell (b) battery (c) Key (d) Open switch
 (e) Closed switch (f) Connecting wire (g) Ammeter

Q 20: → The diagram below shows a bulb connected with a cell having terminals A and B. Mark the direction of current in the bulb.



Ans 20: —



because current always flows from positive terminal of the cell to the negative terminal of the cell.

Q22 → Define Switch.

Ans:- Switch is a device to close or open an electric circuit.

Q23 → Match the following : —

- | | |
|-------------------|---|
| (i) Current | a. Electrical energy to Heat Energy |
| (ii) Batteries | b. Mechanical Energy to Electrical Energy |
| (iii) Toaster | c. Light energy to Electrical Energy |
| (iv) Solar cells. | d. Amperes |
| (v) Generators | e. Chemical Energy to Electrical Energy |

Ans 23: —

- | | | |
|------------|-----------|-------|
| (i) — (d) | (iii) (a) | (v) b |
| (ii) — (e) | (iv) (c) | |

Q24 → Name the natural magnet found in rocks.

Ans:- Loadstone

Q25:- Which of these are magnetic substances?

- (a) Plastic (b) Glass (c) Paper (d) None of these

Ans:- (d) None of these

Q26:- An Electro magnet is a _____ magnet, which is _____ in strength.

- (a) Temporary, poor (b) Permanent, powerful
(c) Temporary, Powerful (d) None of these.

Ans 26

(c) Temporary and Powerful

