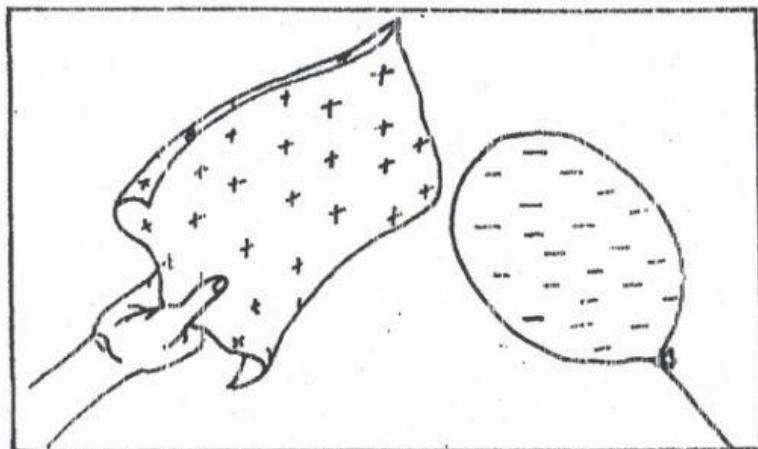


4. The diagram shows a balloon after being rubbed with a piece of woollen cloth.



- (a) (i) What kind of electricity is being demonstrated in this process?

[1]

- (ii) Give **ONE** other example of this type of electricity at work.

[1]

- (b) Name the electric charges shown in

(i) the balloon. \_\_\_\_\_ [1]

(ii) the woollen cloth. \_\_\_\_\_ [1]

- (c) State the law of attraction (charges).

\_\_\_\_\_ [2]

- (d) What happens to the balloon after being rubbed with the woollen cloth?

\_\_\_\_\_ [1]

- (e) Rubber and wool are poor heat conductors. What term is used to describe them?

\_\_\_\_\_ [1]

- (f) List **TWO** other poor conductors.

(i) \_\_\_\_\_ [1]

(ii) \_\_\_\_\_ [1]