

(i) Physical/Mechanical

(ii) Ammeter

(iv) Heating/Hammering/Electrical

(i) Similarities (Any two)

(ii)

(iii) Non-renewable energy source

(iv) Yes

Ink is the mixture of different dyes, which are soluble in water and alcohol. With the solvents these dyes move up with different rates. In this way dyes are spread out into different colours on the filter paper. The paper that is obtained is called chromatogram.