Under CSR Support by
ipca | Foundation

missiongyan
LET'S LEARN TOGETHER



CLASS – 7

SOCIAL SCIENCE

Exploring Society : India and Beyond

CH–2
Understanding the Weather

Part – 2

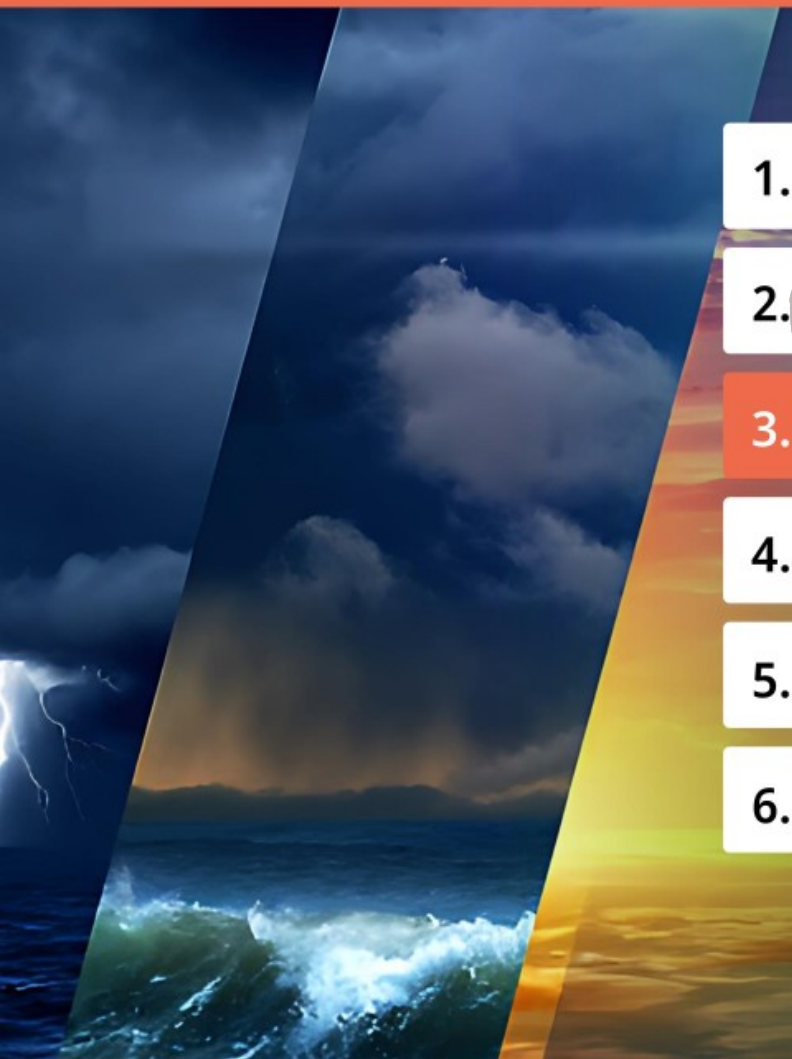
Temperature, Precipitation

Sukhdeep Kaur

Under CSR Support by
ipca | Foundation

OVERVIEW

missiongyan
LET'S LEARN TOGETHER

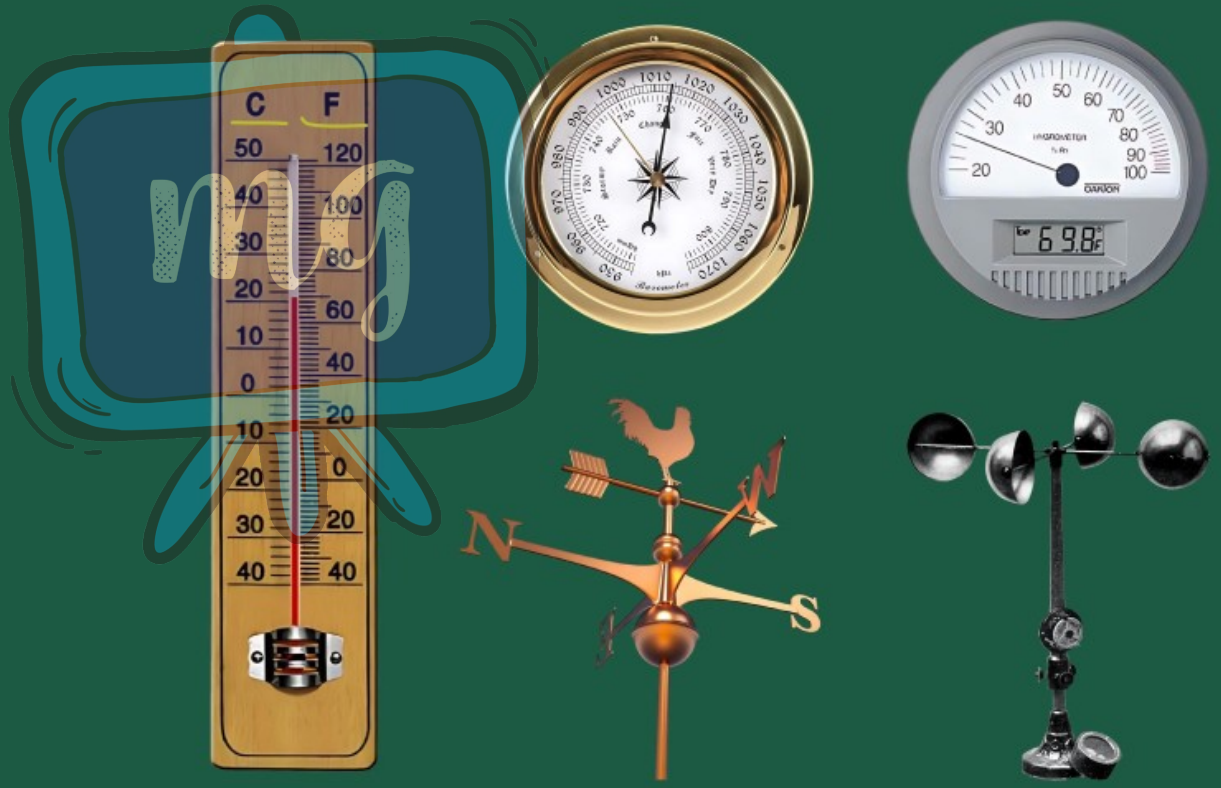


1. Weather and its element
2. Observing Nature's clues
3. Weather Instrument : Temperature, Precipitation
4. Weather Instrument : Atmospheric Pressure, Wind
5. Weather Instrument : Humidity
6. Weather Station

Under CSR Support by
ipca | Foundation

missiongyan
LET'S LEARN TOGETHER

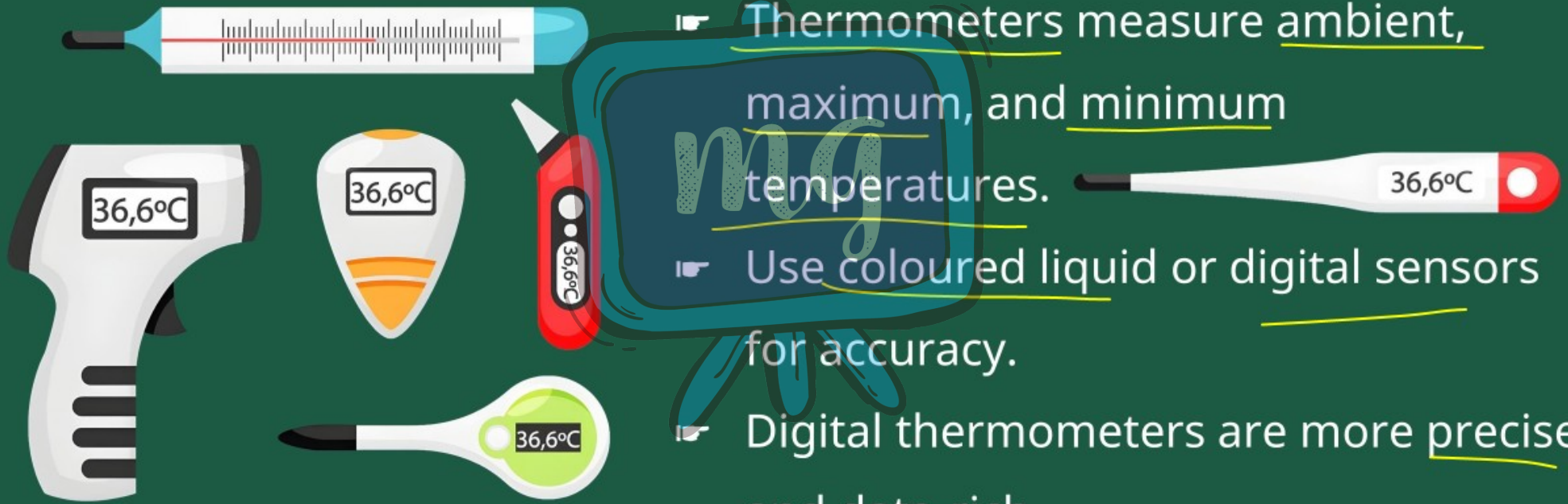
WEATHER INSTRUMENT



Under CSR Support by
ipca | Foundation

missiongyan
LET'S LEARN TOGETHER

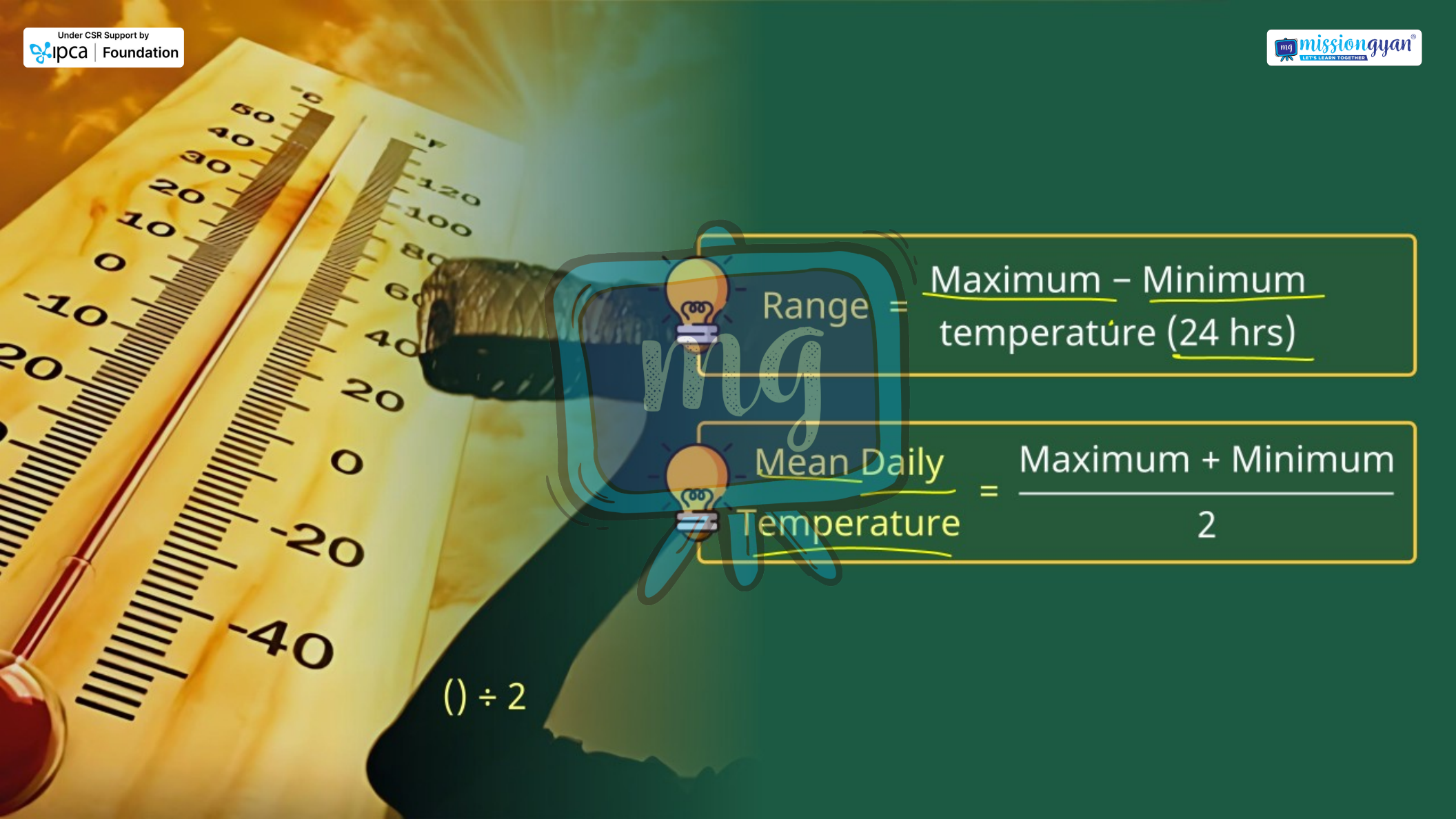
TEMPERATURE



- Thermometers measure ambient, maximum, and minimum temperatures.
- Use coloured liquid or digital sensors for accuracy.
- Digital thermometers are more precise and data-rich.

Under CSR Support by
ipca | Foundation

missiongyan
LET'S LEARN TOGETHER



Under CSR Support by ipca | Foundation

missiongyan LET'S LEARN TOGETHER



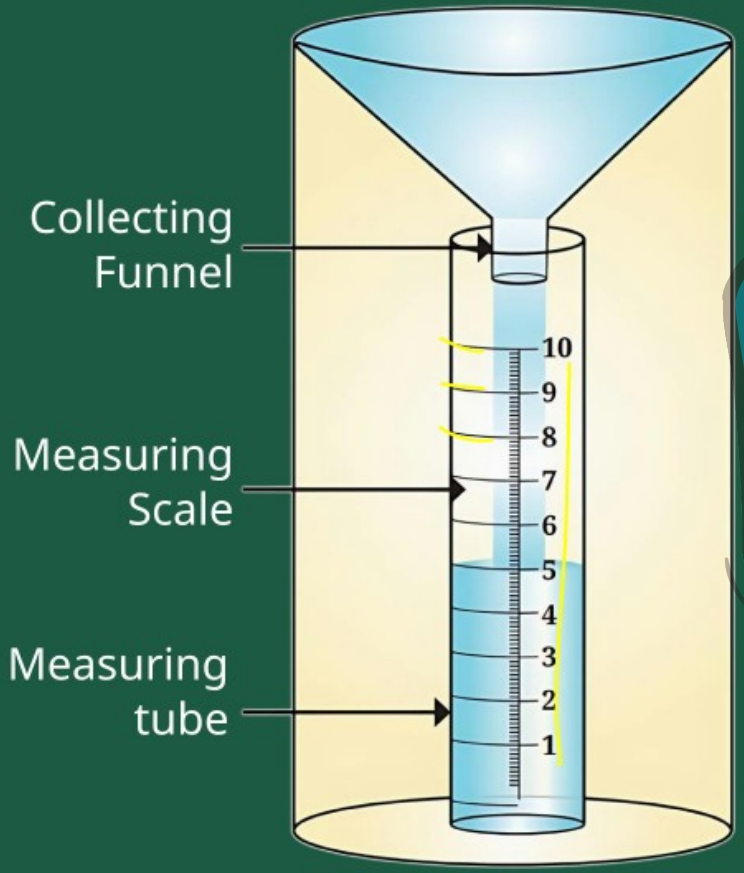


DON'T MISS OUT

- India Meteorological Department was set up in 1875.
- Motto : "ādityāt jāyate vrishti" – "From the sun arises rain".
- From Manusmriti :
  Sun → Rain → Food → Life.
- Can you think of a reason why rain arises from the sun ?

Under CSR Support by
ipca | Foundation

missiongyan
LET'S LEARN TOGETHER



Rain Gauge

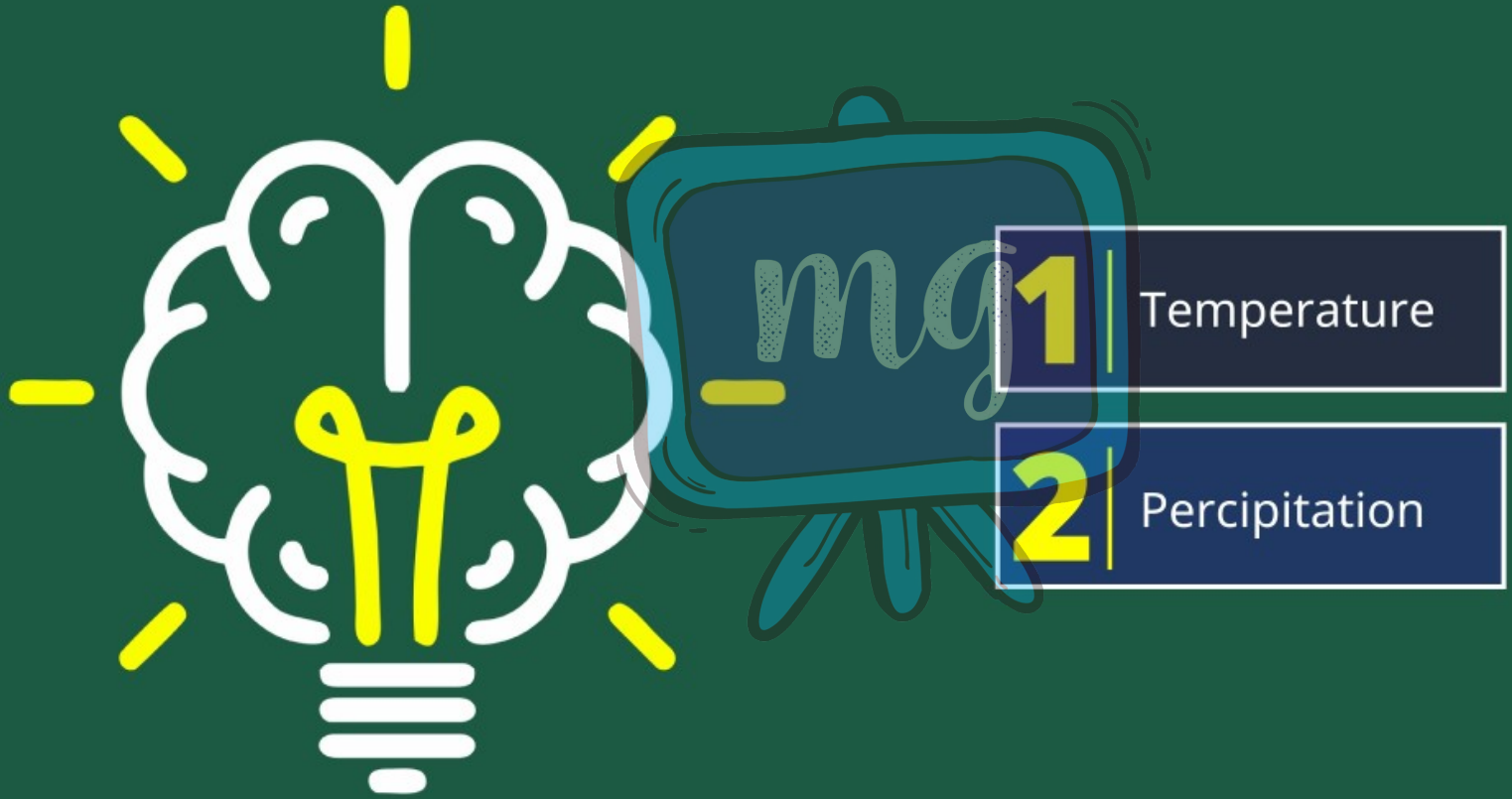
PRECIPITATION

- Rainfall is measured using a rain gauge.
- Rainwater collects in a cylinder through a funnel.
- A scale shows the depth of collected water in mm.
- Example : 5 mm water = 5 mm rainfall.

Under CSR Support by ipca | Foundation

LEARNING OUTCOMES

missiongyan LET'S LEARN TOGETHER



1. Temperature
2. Percipitation

Under CSR Support by ipca | Foundation

ASSESSMENT

missiongyan



1 When was the Indian meteorological department established?

A 1835

B 1890

C 1875

D 1885



2 Which instrument is used to measure temperature?

A Hygrometer

B Thermometer

C Ammeter

D Voltmeter