

NCERT QUESTIONS WITH SOLUTIONS

1. Match the instrument with the weather element it measures.

Instrument used	Element of the Weather
1. Hygrometer	(a) Precipitation
2. Anemometer	(b) Atmospheric pressure
3. Barometer	(c) Wind direction and speed
4. Thermometer	(d) Humidity
5. Rain gauge	(e) Temperature

Ans.

Instrument used	Element of the Weather
1. Hygrometer	(d) Humidity
2. Anemometer	(e) Temperature
3. Barometer	(b) Atmospheric pressure
4. Thermometer	(c) Wind direction and speed
5. Rain gauge	(a) Precipitation

2. Jyotsna is deciding what clothes to pack for her school trip to Mumbai in June. She looks at the weather forecast, which predicts 29°C and 84% humidity. What would be your advice to her?

Ans. Since Jyotsna is going to Mumbai in June, and the forecast shows 29°C with 84% humidity, here's some advice for her:

- (i) Pack light and breathable clothes: Cotton clothes are best as they absorb sweat and keep you cool.
- (ii) Carry a cap or hat and sunglasses: To protect from the sun when outdoors.
- (iii) Bring an umbrella or a raincoat: June is the start of the monsoon season in Mumbai, so sudden rains are common.
- (iv) Wear comfortable footwear: Preferably water-resistant shoes or sandals in case it rains.
- (v) Stay hydrated: It can feel hotter due to high humidity, so drinking plenty of water is important.