

1. How can you say whether an object is in motion or in rest? What are the rules that should be followed to make the accurate measurement with scale?
2. What is the need of units of measurement?
3. a. Write the need of standard units.
b. Distinguish between fundamental and derived units of measurement.
4. Illustrate with an example that a body can have different types of motion at same time. Write the type of motion of Butterfly wings in flight.
5. Why don't we use same SI unit for measuring the lengths of different objects or the distances between various objects?
6. How can you say that an oscillatory motion is a periodic motion, explain with one example.
7. Why is it necessary to measure at least **three times** and then to take the average measurement?
8. Why the trees near the track appear to move whereas s co-passengers appears to be stationary in a moving train?

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