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Answer the following questions in short:-

- 1 What are difference between distance and displacement ?
- 2 What does the slope of v-t graph measure?
- 3 What does the area under v-t graph represent?
- 4 Can an the displacement be greater than distance travelled by an object?
- 5 Which speed is measured by the speedometer of a car?
- 6 Can a body have a constant speed but a variable velocity?
- 7 How will you calculate distance travelled from v-t graph?
- 8 The displacement -time graph of two bodies A and B makes angle of 45 and 30 degrees with time axis. What is the ratio of their velocities?
