

Unit I: Assessment Question Bank

Lecture 22

1. Deduce the instantaneous expressions for the following sinusoidal waves

- (i) Wave with 50 Hz frequency, with rms value of 10 units, reaching its negative maximum at 5th ms.
- (ii) Wave with 50 Hz frequency, with maximum value of 6 units, reaching its positive maximum at 10th ms.

Comment on the phase relation of the above two waves.

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