



- 20 State Doppler effect and find an expression for the change in frequency of a note (i) When the observer at rest and source in motion. (ii) When the source at rest and observer in motion.
- 21 Explain in detail the Koenig's method of determining the young's modulus of elasticity by non-uniform bending.
- 22 Define reverberation time. Derive Sabine's formula for reverberation time.

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