

**Question:**

Physics

In a Laser (say neon laser) all the atoms emit the light waves of

- 1 Same frequency
- 2 Same amplitude
- 3 Same phase
- 4 All of the above

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**Concept:**

*In a **Laser**, all the atoms emit the light waves of the same frequency, amplitude, and phase. A laser is a device that emits light (electromagnetic radiation) through a process of **optical amplification** based on the **stimulated emission** of photons. The term "laser" originated as an acronym for "light amplification by stimulated emission of radiation".*

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