

Ques 2 a) Ruby Laser

→ A Ruby Laser is a solid state laser that uses the synthetic Ruby crystal as its laser medium.

Ruby Laser is the first successful laser developed by Maiman in 1960.

→ Ruby Laser is one of the few solid-state lasers that produce visible light. It emits deep red light of wavelength 694.3 nm .

b) He-Ne Laser

→ A Helium-Neon laser is a type of Gas laser whose gain medium consists of a mixture of 85% Helium & 15% Neon inside of a small electrical discharge.

The Best-known & most widely used He-Ne laser operated at a wavelength of 6328 \AA , in the red part of visible spectrum.