## 11.3 - LASER

## PJ Gibson - Peace Corps Tanzania May 2020

- (2000) Using an example of your own choice explain the mechanism behind the production of a laser beam.
- (2000) Describe two applications of a laser
- (2007) Explain breifly the action of a helium-neon laser.
- (2009) Define the terms laser and maser.
- (2009) Give three applications of laser.
- (2009) A laser beam has a power of  $20 \times 10^9$  watts and a diameter of 2 mm. Calculate the peak values of electric field and magnetic fields.
- (2015) Give any four uses of LASER lgith.