



(3)

Derive the expression to obtain radius of curvature of lens in Newton's Ring experiment.

Q. III) Give construction and working of a Bragg's spectrometer.

Or

Discuss construction and working of a Ruby laser.

Q. IV) Discuss liquid drop model of a nucleus.

Or

Write short notes on :

(a) Cyclotron

(b) Critical size

Q. V. Discuss Huygen's eyepiece.

Or

Discuss cardinal points of a nodal slide experiment.

Q. VI. Discuss Ingen-Hauz experiment.

Or

Write short notes on :

(a) Stefan's law

(b) Josephson's effect in super conductivity.