

ANNADA COLLEGE, HAZARIBAG

ASSIGNMENT FOR G.E-II

Semester 1 (Internal Exam)
Sub.-Physics , paper -G.E.

Answer the following questions-

What do you mean by the term elasticity ? Derive different relations between elastic constants.

Semester 2 (Internal Exam)
Sub . -Physics , Paper -G.E.

Answer the following questions-

State Gauss's theorem in electrostatic. Derive Maxwell's equations for e.m. field .

Semester 3 (Internal Exam)
Sub. Physics , Paper -G.E.

Answer the following question -

Explain the construction and working of Carnot's engine .

Calculate the efficiency of Carnot's engine .

Semester 4 (Internal Exam)
Sub. -Physics Paper -G.E.

Answer the following question -

Explain the construction and working of Michelson's Interferometer . Use it to find the wavelength of light .