

INTERNAL ASSIGNMENT

Name of the Paper : Electricity and Magnetism
Name of Course : B.Sc (H) PHYSICS
Total Marks : 12

All Questions are Compulsory for all.

Q.1) Write down the differential form of Gauss's Law in electrostatic and magnetism respectively.

Q.2) What is Ampere's Law? Write its modified general form.

Q.3) Derive Maxwell's equations in differential form.

Q.4) Derive an expression of Poisson's and Laplace Equations.

Shah

Teacher's signature