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PG CBCS
M.Sc. Semester-III Examination, 2019
Paper Code: PHS 305
Advance Practical-II
(PRACTICAL)

Full Marks : 50

Time: 3 Hours

Candidates are required to give their answers in their own words as far as practical. Everyone must attempt any one question.

Full Marks: 40
Practical Note Book: 5
Viva Voice: 5

1. Determination of Electron / Ion temperature by Double probe method.
2. Determination of the gamma and beta ray absorption coefficients by using a G.M. counter.
3. Measurement of the Hall coefficient of a given sample and calculation of its concentration.
4. Frank Hertz experiment .
5. Measurment of e/m by magnetron valve.
6. Determination of Curie Temperature.
7. Study of nuclear counting statistics.
8. To estimate the separation between the two plates of a Febry-Perot interferometer.
