

Department of Physics
PANJAB UNIVERSITY COLLEGE,
HOSHIARPUR.

2 No. JAN 1952

Dated 19. 1. 52.

Respected Dr. Krishangan,

I give below three or four questions, which if you approve you may kindly include in the paper. The registrar has written that he should positively get the paper in this month, and you should therefore kindly send it to me in time.

Yours Sincerely
J.R. Sarna.

1. Deduce Hund's and Bose's expressions for paramagnetic susceptibility and show far do they fit with experimental results.
2. Give an account of Rabi's resonance method of finding nuclear magnetic moments.
3. Write an essay on the properties of Quartz and its use in oscillatory circuits.
4. Give a clear account of the geographic ~~and~~ or the directional variations of Cosmic Ray Intensity.