

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
PHYSICAL CHEMISTRY
PH.D. THESIS

THEORY OF THE POLARIZATION OF THE RAYLEIGH SCATTERING OF LIGHT BY A LIQUID

BY
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Submitted to the Faculty of the Department of Chemistry in partial fulfillment of the requirements for the degree of Doctor of Philosophy
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Q.No.VI. Mr. Champak Lal was born on 15.8.1957. He joined government service on 15.5.1985. His pay on the date of superannuation was Rs.28100 plus 5400 grade pay in pay band of Rs.15600-39100+5400 GP. On the date of superannuation the rate of DA was 113%. He has 260 days of Earned Leave to his credit. From the above information calculate the following:

- i) Superannuation Pension
- ii) Retirement Gratuity
- iii) Family Pension at normal rate and enhanced rate as per rule
- iv) Commutation value as per optimum permissible rate
- v) Leave encashment

(5X4=20)

Q.No.VII. (a) An amount of Rs.15,80,756.00 was lying in the GPF account of Mr.X as on 31.3.2015. His monthly subscription was @Rs.25,000/- per month from 1.4.2015 to 31.3.2016. He withdrew an amount of Rs.5,00,000/- (Rs. Five Lac) from his GPF Account on 1.8.2015 for repair of his house. He could spend only Rs.4,00,000/- and refunded unspent amount of Rs.1,00,000/- on 1.1.2016. From the above information calculate the amount of interest on his GPF account @ 8% per annum.

(15)

(b) What is GPF insurance linked scheme applicable in the case of H.P. Government employees? Explain.

(5)

Q.No.VIII. Write short note on the following:

- i) Limited Tender and Unlimited Tender
- ii) Original Works and Repair Works
- iii) Earnest Money and Security Money
- iv) Treasury Bills
- v) Ways and Means Advance

(5X4=20)
