

## **Diffraction sample theory question**

- 1)What is diffraction of light ?What are its various types?
- 2)What is single slit diffraction ?What is plane transmission diffraction grating ?Give a related formula with the meaning of all the terms in the formula .
- 3)What is the resolving power of diffraction grating ?
- 4)What is the grating element and line density of the diffraction grating ?
- 5)Explain in brief Rayleigh criteria of resolution ?